

19980424.qrp v01_n070.qrs.980424

Date: Fri, 24 Apr 1998 19:03:14 EDT
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 1070

QRP-L Digest 1070

Topics covered in this issue include:

- 1) [8900] RE: Fists
by Wayne Alexander <walexander@wwn.net>
- 2) [8901] Info RE SGC 2020
by Thomas J McCuen <TMcCuen@compuserve.com>
- 3) [8902] QRPTTF Solar: lookin' better
by Paul Harden <pharden@aoc.nrao.edu>
- 4) [8903] Maine, wire/rope ant pointing Alaska
by jdenison@morelr.com (JOEL DENISON)
- 5) [8904] TICK-1
by Bruce Rattray <rattray@gpfn.sk.ca>
- 6) [8905] Re: AT-TEN-SHE-ON Alaska, etc
by Bill Crowley <bcrow@carte.net>
- 7) [8906] Re: Mode KT Satellites RS-12/13 QRPTTF '98
by wa5whn@juno.com
- 8) [8907] HW8 Bandswitch
by George Dobbs <g3rjv@gqrp.demon.co.uk>
- 9) [8908] vibroplex
by ac5ez@webtv.net (Cloud Dancer)
- 10) [8909] Re: vibroplex
by Mike - W0TMW <crucis@sky.net>
- 11) [8910] copper foil tape
by "Harry Hurst" <hhurst@delaware.infi.net>
- 12) [8911] TICK problem solved!
by Bruce Rattray <rattray@gpfn.sk.ca>
- 13) [8912] re: QRP Sale
by "Rich Dailey, KA8OKH" <ka8okh@som-uky.campus.mci.net>
- 14) [8913] WTB Argo 509 Accessories
by Cayman71 <Cayman71@aol.com>
- 15) [8914] Re: copper foil tape
by n5inz@juno.com (John M Andrews)
- 16) [8915] Ten-Tec T-Kit 1340
by "Ken Burrough" <ne0c@1st.net>
- 17) [8916] Novice 2nd QRP Contact Logged!
by Frank Kienast <fgk@iquest.net>
- 18) [8917] RE: Mode KT Satellites RS-12/13 QRPTTF '98
by Kevin Muenzler - WB5RUE <wb5rue@stic.net>
- 19) [8918] Ellen's NW20 lives!!

- by "Bob Kellogg" <ae4ic@nr.infi.net>
- 20) [8919] Thirty Meter Wire Beam
by Steve Heyroth <sheyroth@compuserve.com>
- 21) [8920] Re: Mode KT Satellites RS-12/13 QRPTTF '98
by "Bob Edwards, W4ED" <w4ed@flash.net>
- 22) [8921] RS SWR meters in Sonoma, \$19.97
by WD6BOR <WD6BOR@aol.com>
- 23) [8922] Valley of the Moon Hamfest this Saturday
by WD6BOR <WD6BOR@aol.com>
- 24) [8923] Re: TICK problem solved!
by "Daniel Wee, 9V1ZV" <daniel@pandora.lugs.org.sg>
- 25) [8924] Re: QRPTTF, NH/ME Border Expedition...
by Tim Ahrens <tahrens@inetport.com>
- 26) [8925] Wonder Mod for KnightSMiTe
by gary_oneil@juno.com (Gary E. O'Neil)
- 27) [8926] Re: Mode KT Satellites RS-12/13 QRPTTF '98
by wa5whn@juno.com
- 28) [8927] Free # 32 enameled wire
by "Dennis Payton" <dpayton@fwi.com>
- 29) [8928] Re: RS SWR meters in Sonoma, \$19.97
by W7LS <w7ls@blarg.net>
- 30) [8929] Help in finishing paddles
by mwattcpa@earthlink.net (Marty Watt)
- 31) [8930] RS 97-cent "blow-out"....
by Conrad <radman@best.com>
- 32) [8931] Re: Mobile Antenna-Hamstick Maintenance drill
by WA8GHZ /5 Jack Dougherty <jdougher@wt.net>
- 33) [8932] Re: RS SWR meter price?
by DYARNES <DYARNES@aol.com>
- 34) [8933] QRPTTF NM/TX/XE - here we come!
by Paul Harden <pharden@aoc.nrao.edu>
- 35) [8934] CT Question
by Jeff Grudin <grudin@pacific.vdbs.com>
- 36) [8935] My Ten Tec 1330 is going crazy!!!
by Scott Bauer <ke3nv@erols.com>
- 37) [8936] Re: Prescott, AZ QRP
by DYARNES <DYARNES@aol.com>
- 38) [8937] Re: RS SWR meters in Sonoma, \$19.97
by RangerSF5 <RangerSF5@aol.com>
- 39) [8938] RS SWR METER PERFORMANCE
by ARDUJENSKI <ARDUJENSKI@aol.com>
- 40) [8939] CW...international language--REALLY?
by Chuck and Michele Snyder <csnyder@nextdim.com>
- 41) [8940] QSLing QRPTTF border stations
by Paul Harden <pharden@aoc.nrao.edu>
- 42) [8941] Elmer 101: VFO questions
by PGSPersEng <PGSPersEng@aol.com>
- 43) [8942] YAHOO!!!! It worked!!!!

- by Lynn Simons <lsimons1@ix.netcom.com>
- 44) [8943] QRP To The Field/Run to the Border
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
- 45) [8944] RE: CW...international language--REALLY?
by Conrad <radman@best.com>
- 46) [8945] Re: QRPTTF: Hit List Update 4-23-98
by Lynn Simons <lsimons1@ix.netcom.com>
- 47) [8946] Tentec Century 21, really nice, \$160
by W7LS <w7ls@blarg.net>
- 48) [8947] LONG - DIY CW Tutor
by "Brian Jones" <brian_jones@uk.ibm.com>
- 49) [8948] Re: Help in finishing paddles
by "Alan Kaul W6RCL" <alan.kaul@worldnet.att.net>
- 50) [8949] Re: QSLing QRPTTF border stations
by aa5yx@juno.com (John F. Harper)
- 51) [8950] Re: vibroplex
by "Paul Christensen" <paulc@mediaone.net>
- 52) [8951] RE: quick coax/ant question
by cjl@mail09.mitre.org (Charles J. Ludinsky)
- 53) [8952] QRPTTF '98 WAHOO !!
by wa5whn@juno.com
- 54) [8953] Re: QSLing QRPTTF border stations (fwd)
by William McFadden <wmcfadde@oucsace.cs.ohiou.edu>
- 55) [8954] QRO power failure, Safety and interesting pics
by Greg Weinfurtner <gweinfurt1@ohiou.edu>
- 56) [8955] QRP TTF Contest
by "Prof.Arnaldo Coro Antich" <inforhc@mail.infocom.etecsa.cu>
- 57) [8956] AL/TN Station for QRPTTF
by "Bryan Turner" <turnerw@email.uah.edu>
- 58) [8957] QRPTTF Rules
by John Bohnert <johnb@elmhurst.edu>
- 59) [8958] UK licensing
by jim nestor <nestoji@home.com>
- 60) [8959] Re: Elmer 101: VFO questions
by adams@chuck.dallas.sgi.com (Chuck Adams)
- 61) [8960] Re: QRO power failure, Safety and interesting pics
by Monte Stark <ku7y@dri.edu>
- 62) [8961] QRPTTF OK-MO-KS
by "David Bixler" <DBIXLER@hs.seneca.k12.mo.us>
- 63) [8962] Re: GQRP - LONG - DIY CW Tutor
by George Gingell <k3tks@u1.abs.net>
- 64) [8963] Dupe Sheets
by Andy Fox <foxes@theriver.com>
- 65) [8964] FS: Zeit1 Desktop Radio-controlled clock
by Bill Acito 24-Apr-1998 1059 <acito@asdg.ENET.dec.com>
- 66) [8965] Re: copper foil tape
by Ed Loranger <we6w@qsl.net>
- 67) [8966] Re: quick coax/ant question

- by "Walter Dufrain" <walter@inlink.com>
- 68) [8967] Want R390 or 390A Selling fancy laptop(s). Partial Swap will work.
by "Bob Duckworth" <wb4mnf@atl.org>
- 69) [8968] Re: QSLing QRPTTF border stations (fwd)
by DYARNES <DYARNES@aol.com>
- 70) [8969] Re: QSLing QRPTTF border stations
by Joe Gervais <vole@primenet.com>
- 71) [8970] Re: Slashed Zeros
by tom@tombo.microserve.com (Thomas J. Bogusko)
- 72) [8971] Re: GQRP - LONG - DIY CW Tutor
by Joe Gervais <vole@primenet.com>
- 73) [8972] Re: Dupe Sheets
by Ed Loranger <we6w@qsl.net>
- 74) [8973] QSLs
by ac5ez@webtv.net (Cloud Dancer)
- 75) [8974] Re: Elmer 101: VFO questions
by Glen Leinweber <leinwebe@mcmail.cis.mcmaster.ca>
- 76) [8975] A note on QSLing and SASEs
by "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
- 77) [8976] CW SS QRP Results - Wow!
by Joe Gervais <vole@primenet.com>
- 78) [8977] Re: CW copy in your head
by Danh Le <dql@slip.net>
- 79) [8978] VISIT This! NSS VLF tourpage.
by Ed Loranger <we6w@qsl.net>
- 80) [8979] A note on QSLing and SASEs -Reply
by Bob Reynolds <breynd@sigg.com>
- 81) [8980] [Fwd: RS SWR meters in Michigan \$19.97]
by Walt Amos <waltk8cv@ameritech.net>
- 82) [8981] QTTF
by Tellefsen Bob-CNSE97 <cns97@lmpsil02.comm.mot.com>
- 83) [8982] Sierra QRP Rig for sale.
by George Zafiropoulos <georgez@quickturn.com>
- 84) [8983] elmer101
by Brad Mugleston <bmug@gwl.com>
- 85) [8984] "Toneburst" for UK Repeaters? Not QRP
by Barry Keating <barry.p.keating.1@nd.edu>
- 86) [8985] Ramblings...
by Chris Cartwright <ccart@dns.vidtel.com>
- 87) [8986] going on da road QRPTTF
by mike@krypton.nmr.Hawaii.Edu (Mike W. Burger)
- 88) [8987] elmer101
by Brad Mugleston <bmug@gwl.com>
- 89) [8988] re: quick coax/ant question
by QLF%mimi@magic.itg.ti.com
- 90) [8989] Re: elmer101
by adams@chuck.dallas.sgi.com (Chuck Adams)
- 91) [8990] Re: CW...international language--REALLY?

- by "Marshall Emm" <mgemm@mtechnologies.com>
- 92) [8991] Re: "Toneburst" for UK Repeaters? Not QRP
by Henry Freedenberg <henryf@quartz.gly.fsu.edu>
- 93) [8992] RE: "Toneburst" for UK Repeaters? Not QRP
by Andreas Junge <andreas@atltech.com>
- 94) [8993] 1750 tone burst
by "Jim Lyons" <ve2kn@hotmail.com>
- 95) [8994] QRPTTF Rules
by Joe Gervais <vole@primenet.com>
- 96) [8995] Re: RS SWR meters in Sonoma, \$19.97
by Walt Amos <waltk8cv@ameritech.net>
- 97) [8996] QRPTTF Rules - Ooops!
by Joe Gervais <vole@primenet.com>
- 98) [8997] Re:QSLing QRPTTF border stations
by wd3p@juno.com (Larry Cahoon)
- 99) [8998] QRPp
by af852@rgfn.epcc.edu (William R Colbert)
- 100) [8999] QRPTTF Rules - Alien Conspiracy?
by Joe Gervais <vole@primenet.com>
- 101) [9000] CQrp TTF
by Steve Bornstein <saborns@freenet.columbus.oh.us>
- 102) [9001] Re: RS SWR meters in Sonoma, \$19.97
by RangerSF5 <RangerSF5@aol.com>
- 103) [9002] QRP TTF - Islands on the air
by Jim <kj5tf@madisoncounty.net>
- 104) [9003] Ten-Tec RX-10 seen in am radio trader
by David Feldman <dgf@netcom.com>
- 105) [9004] QRP TTF
by camqrp@cyberg8t.com (Cam Hartford)
- 106) [9005] RS SWR/WATT Meter
by DENNIS MO <DENNISMO@aol.com>
- 107) [9006] Re: QSLing QRPTTF border stations
by Joe Gervais <vole@primenet.com>
- 108) [9007] Elmer 101
by "C. Lamar Derk" <"n3at@epix.net"@epix.net>

Date: Thu, 23 Apr 1998 19:09:10 -0500
From: Wayne Alexander <walexander@wwn.net>
To: qrp-l@Lehigh.EDU
Subject: [8900] RE: Fists
Message-ID: <3.0.3.32.19980423190910.006a5fb4@pop.wwn.net>
Mime-Version: 1.0
Content-Type: text/enriched; charset="us-ascii"

I would like to thank everyone that sent me E-Mail on the Fists Club. Getting on the air with a Fists number will be alot of fun. Should not have any problem

finding any one to talk to. Thanks again and I have mailed my application off Today. Thanks

<paraindent><param>out</param>73

</paraindent>KB0PTE

Wayne

(CW is the way to communicate.)

QRP-L #1058

Check out my Web Page.

<http://www.wwn.net/walexander>

E-Mail Address: walexander@wwn.net

Date: Thu, 23 Apr 1998 19:06:03 -0400
From: Thomas J McCuen <TMcCuen@compuserve.com>
To: QRP-L Lehigh Server <qrp-l@Lehigh.EDU>
Subject: [8901] Info RE SGC 2020
Message-ID: <199804231906_MC2-3ADF-B1B4@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain; charset=ISO-8859-1
Content-Disposition: inline

Here's the latest from SGC re the 2020;

I had asked for info/users of the testing done on the 2020 as of this date.... It's nice to see a quick response of questions.
I'm still waiting(and WOULD rather wait for a non-beta radio) and will prob see the unit at Dayton.

REPLY follows:*****

Hi Tom,

Thanks for your interest in the new SG-2020. We just received a copy of "Ham Radio Today" from the UK. They did a "Sneak Preview" of the 2020 when we sent an evaluation unit to a dealer in England. We didn't even know they had done this until just now, however, it certainly is a very positive review of the radio. They got some of their facts about our company a little mixed up, but the rest of the article is very accurate.

This article will probably be posted at our website soon -- we are requesting permission from the publisher now. The editor is Steve Telenius-Lowe, G4JVG. If you can find a copy of that magazine, I think you will enjoy the article. If you would like, I could fax you a copy of this for you to refer to.

The SG-2020 has also been evaluated by Gordon West, WB6NOA. We don't have a published report from him yet, however, he listed it as one of the top 10 new products in one of the magazines he writes for.

It has also been tested and reviewed by Jerry Davis, KK6Y0.

I hope this helps, Tom. As you can imagine, we have our hands full with a sizeable backlog of orders that we are working hard to clear up. It's a great rig, and I know you're going to like it. By the way, we will have about 4 of them with us at Dayton -- powered up and on dummy loads.

Thanks, and stay in touch.

Sincerely,
Jeff Halliburton, WA7JH
Sales & Marketing Director

Date: Thu, 23 Apr 1998 17:28:20 -0600 (MDT)
From: Paul Harden <pharden@aoc.nrao.edu>
To: qrp-1@Lehigh.EDU
Cc: arnie@radiohc.org
Subject: [8902] QRPTTF Solar: lookin' better
Message-ID: <Pine.SOL.3.91.980423165724.13580B-100000@zia>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Old Sol is coming through for us. As described below, some significant solar activity today which is already raising the flux into the mid-90's and could likely go higher than that by saturday. Geomagnetic A-index for saturday downrated from 20 to 12. That means quieter bands. So things are looking up for QRP TTF.

I'm leaving tomorrow morning for Las Cruces/El Paso for QRPTTF, so this is my last chance to post the solar flux and A-index. Someone else on the list who gets the info might want to post the new solar flux and A-index values and the predictions for saturday.

Enjoy QRPTTF. Remember, 40M is not really effected by the solar flux (only the geomagnetic storming), so all this solar stuff mostly paints the picture for 20, 15 and 10M. Listen to WWV at 10 and 15MHz periodically to see what signal levels (absorption), static levels and fading are occuring.

72, Paul NA5N

>JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
>SDF NUMBER 113 ISSUED AT 2200Z ON 23 APR 1998
>
>IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 22/2100Z
>TO 23/2100Z: SOLAR ACTIVITY WAS HIGH.
^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^

About time! And just in time for QRPTTF

>AN OPTICALLY UNCORRELATED X1 X-RAY BURST WAS DETECTED AT 23/0555Z. THIS
>ACTIVITY WAS ASSOCIATED WITH A LARGE CORONAL MASS EJECTED OFF THE SE-NE
>LIMB NOTED BY SPACE-BASED SENSORS.

A large coronal mass ejection (CME) will likely cause some strong geomagnetic disturbances. but not till after saturday. The energies related to a CME will also likely boost the solar flux up over the next couple of days, so by saturday, it could be hovering around 100 (even though they don't specifically forecast that just yet).

>THE X-RAY BURST WAS ACCOMPANIED BY A 10.7CM
>RADIO BURST OF 430 SFU, MAKING IT A TENFLARE, AND A TYPE IV SWEEP.
>POST FLARE LOOPS WERE OBSERVED AS WELL.

X-rays are very energetic (and very small wavelength) energy, usually coming from within the sun. As they travel outward, their wavelengths gets stretched, causing emissions in lower and lower frequencies. Here, it was noted that emissions were measured at 10.7cm ... now note that this is also the wavelength where solar flux is measured as well. The type IV sweep is energy spiraling along the sun's open field lines and the farther away from the sun it travels, the lower the frequencies of the "sweep." The lowest frequency is not mentioned, probably in the 100-400MHz range. This just means fairly energetic and the stuff that can cause an increase in the overall solar flux in the next couple of days.

What CAN NOT be predicted is whether this new area on the SE limb will produce further activity. In our case ... we want some more flares. It will push the solar flux up into some good numbers ... of course we'll pay for it with a geomagnetic storm ... but what the heck, when it hits, we'll all be back at work after QRP TTF anyway. What do we care at this point?

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO BE LOW TO MODERATE. AN INCREASE IN ACTIVITY IS EXPECTED WITH THE RETURN OF REGION 8190, ESPECIALLY IN LIGHT OF TODAY'S ACTIVITY.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 22/2100Z TO 23/2100Z:
THE GEOMAGNETIC FIELD WAS QUIET TO UNSETTLED. A SHOCK WAS NOTED ON ALL INSTRUMENTS AT ABOUT 23/1800Z, INDICATED BY AN INCREASE IN SOLAR WIND DENSITY AND SPEED, AN INCREASE IN PARTICLES DETECTED ON ACE AND GOES, AND A SMALL IMPULSE NOTED EARTH-BASED AND GEOSYNCHRONOUS MAGNETOMETERS.

I don't know what caused this. Will have to check. Sounds like a SID (Sudden Ionospheric Disturbance) caused by something a couple of days ago. It is NOT from today's CME as particle radiation (i.e., the solar wind) doesn't travel from the sun to the earth that fast.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE MOSTLY UNSETTLED FOR THE NEXT 24 HOURS AT MID LATITUDES AND UNSETTLED TO ACTIVE FOR THE NEXT 48 HOURS AT HIGH LATITUDES. THEREAFTER, THE FIELD IS EXPECTED TO BE QUIET TO UNSETTLED.

So the geomagnetic field will be less active than predicted for Saturday a few days ago.

III. EVENT PROBABILITIES 24 APR-26 APR
CLASS M 15/15/15 <--- 15% chance for a M-class flare. Wow.
CLASS X 10/10/10
PROTON 05/05/05
PCAF IN PROGRESS <--- still picking on our AL7 friends.

IV. PENTICTON 10.7 CM FLUX
OBSERVED 23 APR 090
PREDICTED 24 APR-26 APR 092/094/094
^^^ ^^ ^^^
Fri Sat Sun

But the real effect of today's X-ray burst and CME will be better defined tomorrow. It could suddenly go much higher. Particularly if ole Sol burps again for us.

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 22 APR 005/006
ESTIMATED AFR/AP 23 APR 009/015
PREDICTED AFR/AP 24 APR-26 APR 015/020-010/015-010/012

Date: Thu, 23 Apr 1998 18:35:59 -0500 (CDT)
From: jdenison@morelr.com (JOEL DENISON)
To: qrp-1@Lehigh.EDU
Subject: [8903] Maine, wire/rope ant pointing Alaska
Message-ID: <199804232335.SAA04394@m20.morelr.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

High gang

I'll be around 7.040 +-
joel wa5cvm/1 maine
2335Z

God Bless
Joel

WA5CVM	Gentlemen don't Cry, They QSY :-)
Joel Denison	Gentle Lady (RC Sail Plane)(049 engine - start)
PO BOX 542	Vertical 3 elm Yagi 30mtr & 40mtr
Strong, Maine 04983	QRP ARCI 4066 NEW ENGLAND QRP 476 QRP-L 765
jdenison@morelr.com	AK/QRP 109

Date: Thu, 23 Apr 1998 17:39:26 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: Low Power Group <qrp-1@Lehigh.EDU>
Subject: [8904] TICK-1
Message-ID: <Pine.SOL.3.91.980423173326.27950A-1000000@GPFN1.GPFN.SK.CA>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

While I'm waiting for the 40+ kit to arrive, I finished up the TICK-1
keyer...without being hooked up to any rig, I ran through the sequential

modes and all was well...so I hooked it up to the Kenwood TS-430S key connector at the back of the rig...I keyed the TICK-1 and heard the sidetone just fine...BUT when I put the 430S into xmt mode (VOX + CW) the transmitter comes on and stays on when I move either paddle...??...I'm using a mono 1/4 inch male connector at the back of the 430S...any ideas please?...72 - Bruce(VE5RC)

e-mail: rattray@gpfn.sk.ca

Date: Thu, 23 Apr 1998 19:38:31 -0700
From: Bill Crowley <bcrow@carte.net>
To: qrp-1@Lehigh.EDU
Subject: [8905] Re: AT-TEN-SHE-ON Alaska, etc
Message-ID: <353FFB27.3842@carte.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Joel --

So you had one mell-of-a-hess getting the rope to stay up in the tree? How many times do I have to tell you that up heah, we don't _push_ the rope up a tree? You are in potato country now (no catfish and gumbo), which means you should use a spud gun!

72/73 de Bill, K1NIT
Chief Agitator of WA5CVM
South of Strong and way north of Dixie in Farmingdale Foreside

Date: Thu, 23 Apr 1998 17:50:45 -0600
From: wa5whn@juno.com
To: qrp-1@Lehigh.EDU
Subject: [8906] Re: Mode KT Satellites RS-12/13 QRPTTF '98
Message-ID: <19980423.175153.9774.1.wa5whn@juno.com>

OK, I stand corrected, it's mode KT { 15 meters uplink, 10 meters & 2 meters downlink } right now for RS-12/13.

<http://www.amsat.org/amsat/sats/n7hpr/rs.html>

Check out the above URL, if you are interested & plot a few passes over your QRPTTF '98 contest site.

...Jay, WA5WHN {4 Corners} from grid square: DM56lx de N4C

PS @ T minus 39 hours & counting until QRPTTF '98.

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Fri, 24 Apr 1998 00:10:17 +0100
From: George Dobbs <g3rjv@gqrp.demon.co.uk>
To: qrp-1@Lehigh.EDU
Subject: [8907] HW8 Bandswitch
Message-ID: <01bd6f0c\$fb50a920\$LocalHost@kcubkvql>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Has someone out there
got a bandswitch unit for an HW8?
I have an HW8 that needs a replacement
used or salvaged unit is fine.

72/3

George Dobbs G3RJV
g3rjv@gqrp.demon.co.uk
The G QRP Club

"It is vain to do with more
what can be done with less"
William of Occum. 1290-1350

Date: Thu, 23 Apr 1998 19:31:58 -0500
From: ac5ez@webtv.net (Cloud Dancer)
To: qrp-1@Lehigh.EDU
Subject: [8908] vibroplex
Message-ID: <199804240031.RAA19754@mailtod-122.bryant.webtv.net>
Content-Type: TEXT/PLAIN; CHARSET=US-ASCII
Content-Transfer-Encoding: 7BIT
MIME-Version: 1.0 (WebTV)

I have a orig. presentation model vibroplex bug,
sn # 102179.
Anyone have a list of dates manufactured by sn# s
I lost my list.
Larry ac5ez

Date: Thu, 23 Apr 1998 20:12:21 -0600
From: Mike - W0TMW <crucis@sky.net>
To: ac5ez@webtv.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [8909] Re: vibroplex
Message-ID: <353FE6F5.2B6879E3@sky.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

According to the date/list published in the Spring 1997 issue of the
QCWA Journal, that sr# falls into 1928. According to the Journal, 1928
was the year for keys with SR# 101340 through 103104.

Mike - W0TMW

Cloud Dancer wrote:

>
> I have a orig. presentation model vibroplex bug,
> sn # 102179.
> Anyone have a list of dates manufactured by sn# s
> I lost my list.
> Larry ac5ez

--

=====

Mike Watson, W0TMW	QCWA Mbr # 28651, Chap. 35
Raymore, MO USA	Grid: EM28st ARCI# 9647
http://www.sky.net/~crucis	
E-mail: crucis@sky.net	ARS# 352, QRP-L# 1489

=====

Date: Thu, 23 Apr 1998 21:52:45 -0400
From: "Harry Hurst" <hhurst@delaware.infi.net>
To: <qrp-l@Lehigh.EDU>
Subject: [8910] copper foil tape
Message-ID: <199804240144.VAA07273@fh101.infi.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

I'm interested in copper foil tape for quickie "printed" circuit boards.
Anyone out there tried this technique?

Amateur Radio - WA3PTG
QRP-L #1464
Wilmington DE

Date: Thu, 23 Apr 1998 19:45:12 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: Low Power Group <qrp-l@Lehigh.EDU>
Subject: [8911] TICK problem solved!
Message-ID: <Pine.SOL.3.91.980423194229.2565C-100000@GPFN1.GPFN.SK.CA>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Dave, N0IT, and Randy Moore e-mailed me to suggest RF might be the culprit and it was.....I had the 430S turned way up in power for some reason and as soon as I returned it to the 5 watt position, all was well...the TICK was sitting here wide open with alligator clips...so now's the time to close it up...boy, this QRP-L group is terrific!... 72
- Bruce(VE5RC)

Date: Fri, 24 Apr 1998 01:41:44 -0400
From: "Rich Dailey, KA8OKH" <ka8okh@som-uky.campus.mci.net>
To: qrp-1@Lehigh.EDU
Subject: [8912] re: QRP Sale
Message-ID: <3.0.16.19980424014138.2f5797be@som-uky.campus.mci.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

All but the Norcal K8FF paddles have been spoken for. Thanks.
...Rich

Rich Dailey, KA8OKH <ka8okh@som-uky.campus.mci.net>
The KA8OKH / KB4NPI Web - <http://www.qsl.net/ka8okh>

Date: Thu, 23 Apr 1998 21:53:28 EDT
From: Cayman71 <Cayman71@aol.com>
To: qrp-1@Lehigh.EDU
Subject: [8913] WTB Argo 509 Accessories
Message-ID: <936879a3.353ff09b@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

I am interested in buying the following TenTec Argonaut accessories:

model 206 crystal calibrator
model 207 ammeter
model 208 CW filter
model 405 linear amplifier
model ac5-205 antenna tuner
model kr5-a keyer

Thanks for your time!
Frank KA8SYV

Date: Thu, 23 Apr 1998 21:27:44 -0500
From: n5inz@juno.com (John M Andrews)

To: hhurst@delaware.infi.net
Cc: qrp-l@Lehigh.EDU
Subject: [8914] Re: copper foil tape
Message-ID: <19980423.212745.3198.61.N5INZ@juno.com>

Yes- An outfit called "Bishop Graphics" had a line of special prototype kits that were very good.

You used Vector board(the stuff with the pre-drilled holes). Dip, +/- rails, TO packages- all kinds of nice pre-tinned pads.

It only had one flaw- *very* expensive! I can still(with the few I have left) knock out a pc board in 20% the time it takes for me to make a regular pc board.

One very dandy way for a mess of boards(i.e. a club project), is to have a rubber stamp made of the pc artwork, again, for just a few boards- it's a bit expensive.
Maybe you have a friend in the biz:-)

72, John- N5INZ

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Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Thu, 23 Apr 1998 22:30:01 -0400
From: "Ken Burrough" <ne0c@1st.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [8915] Ten-Tec T-Kit 1340
Message-ID: <005601bd6f28\$f60d8ca0\$91d633d1@ne0c.1st.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I want to thank everyone that sent me their thoughts about the T-Kit 1340. The info was just what I needed. Now to try to decide on the best way to go. To make this harder, I was just offered an MFJ 9040 at a real good

price.

72 all and thanks again.

Ken/ne0c---QRP-1 1524

Date: Thu, 23 Apr 1998 21:48:37 -0500
From: Frank Kienast <fgk@iquest.net>
To: qrp-1@Lehigh.EDU
Subject: [8916] Novice 2nd QRP Contact Logged!
Message-ID: <353FFD85.75F5@iquest.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I made my second contact this evening. The good thing about this is it was not part of a schedule! An Extra class ham in Alabama, listening in the Novice band, responded to my CQ where I had added /QRP after my callsign. He said my RST was only 229, but he copied my name and call and sent something back about having found me in the call book. His QTH in Alabama is about 450 miles south of me. That is a logical direction it seems, since the downspout I am loading up is on the south side of the building.

On Saturday, I will be at a different QTH in central Indiana, where I hope to be able to put up a pretty decent end fed from 2nd story to some trees about 80 feet away. I will be limited to 7112 to 7116 in the Novice band, so will not be able to participate in the contest, but if anyone by chance tunes up that far in between contesting I hope to be able to contact you. I will also be listening (only) around 7040 to see just how far away I can hear the QRP stations in the contest.

73,
Frank Kienast
KB9QEI

Date: Thu, 23 Apr 1998 21:58:27 -0500
From: Kevin Muenzler - WB5RUE <wb5rue@stic.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>, "'wa5whn@juno.com'" <wa5whn@juno.com>

Subject: [8917] RE: Mode KT Satellites RS-12/13 QRPTTF '98
Message-ID: <01BD6F02.F2765160@SA5399-7-41.stic.net>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Am I to understand that RS-12 is operating in mode KT?
Last I heard and worked it was in mode KA.

Kevin

Date: Thu, 23 Apr 1998 22:57:43 -0400
From: "Bob Kellogg" <ae4ic@nr.infi.net>
To: "qrpforum" <qrp-l@Lehigh.EDU>
Subject: [8918] Ellen's NW20 lives!!
Message-ID: <199804240300.XAA25870@mailhost.infi.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Well, guys, here's the story. Some of you know part of it.

Last year at Dayton, Ellen, my XYL, won a great door prize, an EMTECH NW40 kit. I figured it would be mine to build, but she announced that it was her kit, and she was going to build it.

She's not a ham, and doesn't know anything about electronics, but she's a crafty kind of gal and does all kinds of hand work. A couple of months after Dayton she started on the kit. I showed her how to solder, etc., and hovered in the background verifying her parts selections, but she was doing all of the work. I was very excited about this and announced to the QRP-L group that she was building.

She got it about a third built and started having some health problems, so it was laid aside. Her health improved, but she seemed to have forgotten the kit. I was disappointed, but said nothing.

This past weekend we were talking about going to Dayton this year, and she said, "When are you going to help me finish that kit?" My own Sierra is in the middle of a serious operation, and not functioning, but I quickly found an open space on my bench. To make the long story short, she worked on it some every day this week, and finished it. The only problem to troubleshoot was the enamel was not cleaned from a lead on one of the output filter toroids. I showed her how to isolate the problem as we located and made

that repair. Tonight, It was receiving very well and power out was 5 watts.

The truth is, I think she was just feeling embarassed that she might have to face some of you guys in Dayton and admit that she hadn't finished the rig! Now if I could just figure out how to convince her she needs to get a license! She said I could use her rig this weekend in the QRPTTF.

It was the most pleasant Elmer job a guy could have.

CUL,
Bob Kellogg, AE4IC, Greensboro, NC
Prolably, but not nececelery. -- Benny Hill

Date: Thu, 23 Apr 1998 22:43:15 -0400
From: Steve Heyroth <sheyroth@compuserve.com>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [8919] Thirty Meter Wire Beam
Message-ID: <199804232243_MC2-3AD9-3AE9@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain; charset=ISO-8859-1
Content-Disposition: inline

I want to build a two- or three-element wire beam on top of a large factory building for my QRP assault on Hawaii. Anyone have dimensions or a formula? Also soliciting consenting Hawaiian 30-meter ops.

Thanks,

Steve N5CLU

Date: Thu, 23 Apr 1998 23:08:01 -0400
From: "Bob Edwards, W4ED" <w4ed@flash.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [8920] Re: Mode KT Satellites RS-12/13 QRPTTF '98
Message-ID: <35400211.ABB422F0@flash.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Kevin Muenzler - WB5RUE wrote:

>

> Am I to understand that RS-12 is operating in mode KT?...

Anybody (else) gonna be working this bird during QRPTTF ??

--

Bob 72/73

<http://www.qsl.net/w4ed>

W4ED nr Atlanta @EM73wt

...."QRP", more from less....

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 /\ |____\
[ \-----/
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Date: Thu, 23 Apr 1998 23:09:51 EDT

From: WD6BOR <WD6BOR@aol.com>

To: qrp-l@Lehigh.EDU

Subject: [8921] RS SWR meters in Sonoma, \$19.97

Message-ID: <4fdd4c51.35400281@aol.com>

Mime-Version: 1.0

Content-type: text/plain; charset=US-ASCII

Content-transfer-encoding: 7bit

I just picked up two of the digital SWR meters here in Sonoma, CA (Home of the Valley of the Moon Hamfest this Saturday) and the staff told me that they have a line on nine more. I had purchased the first at \$29.97, but when I went in to pick up the second one it was \$19.97. RS has a thirty day price guareentee, so they cheerfully refunded me twenty dollars for the price difference.

I have also been able to pick up speaker mics, RMS DMMs, those silly dipoles, and about \$40 worth of enclosures at 97 cents each. I can't tell you all how much I've appreciated the information from this list.

Let me know if any of you would like me to pick up a SWR meter, 21-527, and I'll see how many they can transfer in from other stores.

72,

Darrel, WD6BOR

Date: Thu, 23 Apr 1998 23:10:05 EDT

From: WD6BOR <WD6BOR@aol.com>
To: qrp-1@Lehigh.EDU
Subject: [8922] Valley of the Moon Hamfest this Saturday
Message-ID: <c4912b51.3540028e@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Just wanted to post a last minute note on our hamfest and swap meet here in Sonoma, CA (about 40 miles north of San Francisco) this Saturday from 8 a.m. to about 11 or 12. We will be having a pancake breakfast for \$5 with eggs, sausage and o.j. as well as a VE session and QRP station operating as W6AJF, Frank Jones' old call.

Details are in QST, 73, CQ, Nuts and Volts Amateur Radio Trader and Worldradio. Talk-in is on the local 145.35 repeater, PL of 88.5.

We'll be there rain or shine since we have indoor space and we've already bought the eggs and sausage.

Hope to see any of you Northern California QRP'ers there!

72,

Darrel, WD6BOR

Date: Fri, 24 Apr 1998 10:35:16 +0800
From: "Daniel Wee, 9V1ZV" <daniel@pandora.lugs.org.sg>
To: rattray@gpfn.sk.ca
Cc: qrp@pandora.lugs.org.sg
Subject: [8923] Re: TICK problem solved!
Message-ID: <353ffa66.pandora@pandora.lugs.org.sg>

On Thu, 23 Apr 1998 19:45:12 -0600 (CST), "Bruce Rattray" <rattray@gpfn.sk.ca> wrote:

> reason and as soon as I returned it to the 5 watt position, all was
> well...the TICK was sitting here wide open with alligator clips...so

Oh, that's just the TICK QRP-enforcer feature. Just to make sure you're REALLY running QRP :-)

73 de 9V1ZV Daniel

--

+-----+-----+
| Daniel Wee | daniel@pandora.lugs.org.sg |

| 9V1ZV | http://www.cyberway.com.sg/~danwee |
| QRP-L #667 | 9V1ZV@amsat.org |
+-----+

Date: Thu, 23 Apr 1998 22:29:28 -0500
From: Tim Ahrens <tahrens@inetport.com>
To: kb0vcc@rocketmail.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [8924] Re: QRPTTF, NH/ME Border Expedition...
Message-ID: <35400718.781A9195@inetport.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hey Dale, you guys got Fire ants too? Didn't think they
had gotten that far north. Oh well.... gosh, you guys
now got three real pests.. fire ants, mosquitos, & no-see-ums!

Good luck all in the contest... I'm gonna try & play some
too! Just wait till you see what the antenna support is! :-)

cu

Tim W5FN

ps: lived in Limestone (ME) for 2 years.

Date: Thu, 23 Apr 1998 23:11:25 -0400
From: gary_oneil@juno.com (Gary E. O'Neil)
To: klqrp@waterw.com, qrp-l@Lehigh.EDU
Subject: [8925] Wonder Mod for KnightSMiTe
Message-ID: <19980423.231127.5150.1.Gary_ONeil@juno.com>

Greetings Gang;

I got a query about whether one could mod the KnightSMiTe to
transmit in the lower sideband. (i.e. below the receive frequency. This
is desirable if one wishes to check into a sideband net (as an emergency

appliance).

The answer was yes, and the solution should appeal to us all. I sure wish I'd figured this out before I decided to release it for production :-)

The mod fix tunes the transmitter on the KL Net frequency... The TX no longer moves with the tuning of the RIT control capacitor. The RIT function remains unchanged and the result is a RX/ TX offset that's user selectable. On two units tested, I was able to achieve nearly a KHz offset. This means that you'll be able to call CQ and hear stations that zero your carrier when responding.

To achieve this result do the following:

Remove diode D2 and connect an N-channel J-FET (J309 or equivalent) as follows:

Source - Connect to pad where the cathode of D2 was connected.

(This is also connected to the pad where the rig is keyed)

Gate - Connect to any convenient ground reference. (I choose the bottom of C3 and R2)

Drain - Connect to the junction of Y1 and C1.
(I found the top of C1 most convenient for me.)

How it works:

The gate of the N-channel J-FET is negative with respect to the source during receive and thus the channel (drain to source path) is pinched off which presents an extremely high resistance (and considerably less capacitance than a 1N914 diode) and is effectively an open circuit. As such it has no effect on the oscillator tuning network (C1 and L1 in series) to which it is connected and C1 permits tuning of the oscillator frequency during receive.

When the rig is keyed, the source is grounded placing the gate and source at the same potential (zero volts). The drain to source resistance of the FET is minimum under this bias condition effectively connecting the bottom of the crystal Y1 to ground by short circuiting (and thus disabling) the oscillator tuning network (C1 and L1).

The result allows the crystal to operate at (or very near) its marked series resonant

frequency during transmit and the tuning network serves as a true RIT.

For best performance, adjust the receive frequency as high as possible for maximum TX/RX offset which will result in a receive tone of several hundred Hertz.

72

Gary, N3G0

Raleigh, NC

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Or call Juno at (800) 654-JUNO [654-5866]

Date: Thu, 23 Apr 1998 21:37:23 -0600
From: wa5whn@juno.com
To: wb5rue@stic.net
Cc: qrp-1@Lehigh.EDU
Subject: [8926] Re: Mode KT Satellites RS-12/13 QRPTTF '98
Message-ID: <19980423.213732.2678.1.wa5whn@juno.com>

On Thu, 23 Apr 1998 21:58:27 -0500 Kevin Muenzler - WB5RUE
<wb5rue@stic.net> writes:
>Am I to understand that RS-12 is operating in mode KT?
>Last I heard and worked it was in mode KA.
>
>Kevin
>
>

Kevin,

You maybe correct, since I am receiving conflicting data. I have been listening for the beacon. We have the capability to go either mode {KA or KT}. Thanks for the correction.

maybe catch you on
through the satellite...Jay, WA5WHN

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Or call Juno at (800) 654-JUNO [654-5866]

Date: Thu, 23 Apr 1998 22:57:06 -0500
From: "Dennis Payton" <dpayton@fwi.com>
To: <qrp-1@Lehigh.EDU>
Subject: [8927] Free # 32 enameled wire
Message-ID: <199804240404.XAA16688@mail.fwi.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

I sometimes have had a need for # 32 enameled wire but couldn't find any for sale anywhere. Recently, I acquired a several pound spool. If you'd like some, send me a regular size SASE and I'll send you about 25'.

Denny Payton, N9JXY
1305 Kiblinger Place
Auburn, IN 46706

Date: Thu, 23 Apr 1998 19:18:32 -0700
From: W7LS <w7ls@blarg.net>
To: qrp-1@Lehigh.EDU, WD6BOR@aol.com
Subject: [8928] Re: RS SWR meters in Sonoma, \$19.97
Message-ID: <353FF678.2B8E@blarg.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

3 left in Redmond, WA. Call them at 425-883-8711 if interested.
73 de Jim, W7LS

WD6BOR wrote:

>

> I just picked up two of the digital SWR meters here in Sonoma, CA (Home of the
> Valley of the Moon Hamfest this Saturday) and the staff told me that they have
> a line on nine more. I had purchased the first at \$29.97, but when I went in
> to pick up the second one it was \$19.97. RS has a thirty day price guareentee,
> so they cheerfully refunded me twenty dollars for the price difference.

>

> I have also been able to pick up speaker mics, RMS DMMs, those silly dipoles,
> and about \$40 worth of enclosures at 97 cents each. I can't tell you all how
> much I've appreciated the information from this list.
>
> Let me know if any of you would like me to pick up a SWR meter, 21-527, and
> I'll see how many they can transfer in from other stores.
>
> 72,
>
> Darrel, WD6BOR

Date: Fri, 24 Apr 1998 04:21:53 GMT
From: mwattcpa@earthlink.net (Marty Watt)
To: qrp-1@Lehigh.EDU
Subject: [8929] Help in finishing paddles
Message-ID: <3540109b.17567207@mail.earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: quoted-printable

=46first, gang, thanks for all the help/suggestions on how to finish my =
paddles.
The advice is wonderful.

What I've learned, though, is that without a sturdy vice and possibly =
tools
like a bench grinder, plus a place to paint/sand/etc., I probably won't =
be
able to finish my paddles myself.

So, for you guys that enjoy metalworking and finishing, I have a =
proposal.
I'd like a glossy black (automotive "clear coat" looking black =
high-gloss)
base, and a satin finish, or brushed finished brass. No sharp edges, no =
slop
in the bearings, but not completely rounded either. Just the edge taken =
off.

If someone in Tennessee with appropriate tools and time would like to =
"elmer"
me on this one, that would be outstanding. Finishing the base (including
painting) seems to be the difficult part for me. I live in an apartment,=
and
have no place to paint, nor the tools to do any of the metalworking =

necessary
to finish the base.

What are the thoughts on this? Let me know. If I'm missing some options somewhere, I'd like to be made aware of them. I have some goodies (an unused MFJ paddle, for one) to trade ...

I also have two Heathkit power meters, and two 4AH radio shack sealed lead-acid batteries I can throw in for the right deal ...

--

72 es 73 de Marty, KM7W

=46ranklin, Tennessee <http://home.earthlink.net/~mwattcpa> =
=20
NorCal #2031 -- ARCI #7514 -- QRP-L #0953 -- AK/QRP #098 -- Grid EM65

Date: Thu, 23 Apr 1998 21:24:48 -0700
From: Conrad <radman@best.com>
To: "'qrp-l@Lehigh.EDU'" <qrp-l@Lehigh.EDU>
Subject: [8930] RS 97-cent "blow-out"....
Message-ID: <01BD6EFE.5313D880@radman.vip.best.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: quoted-printable

Gang,=20

The Radio Shack "blow-out" -- \$0.97 pricing on their project box =
#270-232 is *really* a heck of a deal! I've purchased two grocery bags =
filled with these things for literally \$10-12 per bag. If you like to =
prototype/homebrew - check these out at your local Shack. (excuse the =
re-post ... I'd just like to make sure the QRP community gets *all* of =
these :)) ! Also check: #270-223 & #270-224 at \$1.97 each.

72 - Conrad - nn6cw

Date: Fri, 24 Apr 1998 04:46:19 -0700
From: WA8GHZ /5 Jack Dougherty <jdougher@wt.net>

To: dql@slip.net
Cc: qrp-1@Lehigh.EDU
Subject: [8931] Re: Mobile Antenna-Hamstick Maintenance drill
Message-ID: <35407B66.2AB4@wt.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I have 2 ways of finding out if the solder joint is gong bad and needs touchup:

1. First is when I hear noise levels (and weak signals) with varying signal strength that grows and weakens with acceleration or breaking of my pick-em-up. For example, signals only peak by a few S units or even 3Db when braking, which is when the solder joint may be under compression, depending on its orientation (alternately when accelerating if orientation is other way).

2. When Condition 1 above is SUSPECTED, I take the sticks to the workbench and put them in the vice. Then, with an allegator clipped ohm meter lead to the top stinger and with another clipped lead to the botton 3/8-24 thread joint, I "strum" the hamstick to vibrate it.

A weakened joint always shows up with the ohmmeter needle bounce. It's possible to identify a top joint, or a bottom solder joint failure by strumming the appropriate part of the antenna, and watch for the vibrating open circuit.

Then it's time to pull off the shrink wrap and resolder the identified connection.

If none of this works, I'd attribute to short term QSB. But if it persists for a couple of mobile operations, it's probably hamstick repair time again. Even with this minor annouance, you can't beat the performance of these \$19. gems.

--

==-- --==

Jack / WA8GHZ/5 /M /YV /PA and on rare occasion /3CA

--== --== ==-- --== ==-- ==-- ==-- ==-- ==-- ==-- ==-- ==-- ==-- ==--

Date: Fri, 24 Apr 1998 01:13:02 EDT
From: DYARNES <DYARNES@aol.com>
To: turner@safety.ics.uci.edu, qrp-1@Lehigh.EDU

Subject: [8932] Re: RS SWR meter price?
Message-ID: <b72dd6fc.35401f63@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

In a message dated 4/22/98 6:23:28 PM US Mountain Standard Time,
turner@safety.ics.uci.edu writes:

<< qrp-1@Lehigh.EDU >>

I tracked down two of them here in Tucson. At the first store the price was still shown as \$29.95, but when I asked about the further markdown the lady was kind enough to check her stack of upcoming markdowns. Sure enough, there it was for \$19.95, and she said she would sell it to me for that price.

On the way home I stopped at a second store--same \$29.95 sticker showing, but I got the clerk to also check for the coming markdown, and he found it quickly and sold me a 2nd unit for the \$19.95. So, I think if you just ask them to check there stack of markdown tags (red ones) that are coming up, you can very probably get them to honor that price.

By the way, I was up in Oregon last week and had some time to kill before catching my plane back home on Sunday afternoon. I went out S.E. Powell to take a peek at an old house I used to live in (50 years ago), and passed a radio shack. On a whim I whipped in there (it looked like one that didn't do a lot of business), and found 3 of the inverted vee antennas for \$3.97. Pretty good price for wire and a couple of connectors (although RS connectors usually suck!). Maybe radials for the SLV!

72 de David W7AQK

Date: Thu, 23 Apr 1998 23:22:43 -0600 (MDT)
From: Paul Harden <pharden@aoc.nrao.edu>
To: qrp-1@Lehigh.EDU
Subject: [8933] QRPTTF NM/TX/XE - here we come!
Message-ID: <Pine.SOL.3.91.980423225953.23136B-100000@zia>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Gang,
Just can't believe the enthusiasm so many have for this year's QRP TTF. When we dreamed up the bonus points for the border thing at the Ft. Tuthill hamfest last year (in AZ ScQRPion country), we honestly thought MAYBE 6-8 guys would go for it. And do I need a geography lesson ... never knew this

country had so many "3-corners." We figured with 3- and 4-corners all around the southwest, nobody would figure out our plan and we'd have a clean sweep on this one. Rats, you guys figured us out and now we have more competition than we can stand -hi. Maybe we'll make this a regular feature. And who says QRPers do this for fun ... shucks, you guys are out for the POINTS! These QRP events are always a good excuse to "get out of Dodge" for awhile, meet up with our buddies and have fun with QRPing. So everyone enjoy the event, have fun, and of course, GL.

NM/TX/XE OPERATION.

This is turning into a real plan. The operation is hosted by Tim K50I in Las Cruces, our local native, indian guide and outfitter. Bob and Bertie Hightower are driving in from Phoenix to operate with us, and Doug Hendricks is flying in friday night (no doubt with a box of NorCal paddles!). He'll probably bring one shined up so nice you can shave in it, and tell us he built it on the plane or something :-)

So listen for K50I, KI7MN, KI6DS, NA5N and sorry, I forgot Bertie's call :-(all from TX/NM/XE border near El Paso. Marty Robbins will be proud of us!

Y'all have a fer piece of fun now, ya hear
(Practicing my Texaneze)

Paul NA5N

Date: Thu, 23 Apr 1998 22:24:20 -0700
From: Jeff Grudin <grudin@pacific.vdbs.com>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [8934] CT Question
Message-ID: <35402204.3332@vdbs.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Thanks everyone. I figured it out. There is a setup field where the com port needs to be set. I had set it on the file setup screen but not on the program setup. After setting it up there the interface worked fine.

--

73 de Jeff AC6KW
grudin@vdbs.com

Private Practice : Companion Animals and Exotics
Ocean Animal Clinic / Cat Clinic of Santa Cruz

Santa Cruz, California

Norcal QRP #1292 QRP-L #16 ARS #351
AR Qrp #131 Bumble Bee #19

QRP'ers do it with less energy (but lot's of enthusiasm)!

Date: Fri, 24 Apr 1998 01:32:17 -0400 (EDT)
From: Scott Bauer <ke3nv@erols.com>
To: qrp-l@Lehigh.EDU
Subject: [8935] My Ten Tec 1330 is going crazy!!!
Message-ID: <199804240532.BAA24431@smtp1.erols.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

My Ten Tec 1330 is having some big time SWR problems. Let me try to describe the problem:

The rig works just fine going through my tuner in bypass mode to a multi band vertical. The SWR is perfect on the antenna. No problem yet.

As soon as I put my WM-1 in line, between the 1330 and tuner, the SWR skyrockets and the rig sounds like a dog when you step on his foot when keying down and I cant get a good match with the tuner at all.

My first though was that I had goofed up the connections somewhere but there is no problem Using my S&S ARK-30 or Emtech 30 meter rig hooked up the same way.

I cant figure out what the WM-1 could do to cause the SWR to flip out like this on one rig but not another. I dont think it could be the wattmeter causing the problem as it works perfectly with all of my other rigs.

There must be a problem with the 1330. Everything else checks out.

Has anyone else had a problem like this with the Ten Tec 1330?? If so, is there a fix that can solve the problem.

Thanks for any help and advice.

72, Scott w3cv

Date: Fri, 24 Apr 1998 01:32:30 EDT
From: DYARNES <DYARNES@aol.com>
To: vole@primenet.com, qrp-1@Lehigh.EDU
Subject: [8936] Re: Prescott, AZ QRP
Message-ID: <19761601.354023f0@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

In a message dated 4/23/98 10:57:12 AM US Mountain Standard Time,
vole@primenet.com writes:

<< qrp-1@Lehigh.EDU >>

Senor Chuck Adams, K5F0 was sniffing around up in Prescott for some land too I think. Also, Phoenix was recently listed as the fastest growing metro area in the country, in real terms too not just percentage growth, so you know folks are flocking out here to the "desert". There's bound to be at least a few good QRPers in all that inflow. Arizona is where it all happens folks!

72 de David W7AQK

Date: Fri, 24 Apr 1998 01:46:49 EDT
From: RangerSF5 <RangerSF5@aol.com>
To: w7ls@blarg.net
Cc: qrp-1@Lehigh.EDU
Subject: [8937] Re: RS SWR meters in Sonoma, \$19.97
Message-ID: <33df3494.3540274b@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

In a message dated 98-04-24 00:19:25 EDT, you write:

<< Subj: Re: RS SWR meters in Sonoma, \$19.97
Date: 98-04-24 00:19:25 EDT
From: w7ls@blarg.net (W7LS)
Sender: owner-qrp-1@Lehigh.EDU
Reply-to: w7ls@blarg.net

To: qrp-1@Lehigh.EDU (Low Power Amateur Radio Discussion)

>>

My local RS store manager told me that the stores selling for less are dealership stores. Still a RS store isn't it?

He still will not drop the price.

If he is sticking me, and the others, i'd like to know.

I printed out all the letters and showed them to him and he will not move.

Can you get your local RS store to call mine? 609 888 2525

I think it's time to find out what is really going on and I also know there are hams that are members of this reflector and work for RS, so why they keeping mum?

Bob

WA2HOQ

Date: Fri, 24 Apr 1998 01:56:23 EDT

From: ARDUJENSKI <ARDUJENSKI@aol.com>

To: qrp-1@Lehigh.EDU

Subject: [8938] RS SWR METER PERFORMANCE

Message-ID: <19760b08.35402988@aol.com>

Mime-Version: 1.0

Content-type: text/plain; charset=US-ASCII

Content-transfer-encoding: 7bit

There has been a lot of chatter about the RS meter price but nothing on how well it works. Has one of the owners of the meter checked it for comparison with a known meter on different bands??? I had picked up a \$29 special last year and got exactly what I paid for...so just checking...thanks

Alan KB7MBI

Date: Thu, 23 Apr 1998 23:13:32 -0700

From: Chuck and Michele Snyder <csnyder@nextdim.com>

To: QRP <qrp-1@Lehigh.EDU>

Subject: [8939] CW...international language--REALLY?

Message-ID: <35402D8B.5CEF5066@nextdim.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Hi gang,

I have been wondering for quite a while how is it that CW is an international language, after all, the phonetic alphabet is in English.

Is the international part of the language from all those Q-Signals?
Please enlighten me because inquiring minds wants to know. Thanks.

I hope to start my 40-meter radio soon. I have to put my heads & intake manifold back on my truck this weekend. I just picked them up this evening. They look real spiffy clean. About as clean as my wallet.

Thanks again. Everyone have a nice weekend. Might be a good weekend to mow the yard.

--

Chuck Snyder 73s de KD7BBF
<http://www.nextdim.com/users/csnyder/index.htm>
QRP-L #1462
Spokane, WA

Date: Fri, 24 Apr 1998 00:19:58 -0600 (MDT)
From: Paul Harden <pharden@aoc.nrao.edu>
To: qrp-l@Lehigh.EDU
Subject: [8940] QSLing QRPTTF border stations
Message-ID: <Pine.SOL.3.91.980423232755.24334A-100000@zia>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Several of us have contacted the ARRL explaining the QRPTTF theme and inquiring into what annotation on a QSL card is required for it to count as two states for the ARRL WAS purposes. In short, they said "you can't do that." (See ARRL response below). So evidently, indicating two different states from a "border" operation on a single QSL card isn't allowed under the rigid rules of the ARRL for some obscure reason.

FOR QRP TTF QSL'ing purposes ... if you work a border stations during QRP TTF you need ... I recommend sending the station a SASE requesting a QSL card AND SPECIFYING THE STATE YOU NEED QSL'd. For example, say you work WA5WHN at the 4-corners (NM/CO/UT/AZ) and need Utah. Then QSL to WA5WHN and request the QSL from Utah. If you need BOTH Utah and New Mexico, then request BOTH UT and NM QSL's.

Likewise, stations issuing QSL cards from a border state not printed on their QSL must clearly write "Mobile Arizona" or "Portable Utah" to conform to the rules for portable operation as outlined on the ARRL web

page for WAS.

At last count, Joe AB7TT has 44 confirmed states participating in the QRP TTF and obviously a great opportunity to pick up a couple of states you may need for WAS. So for proper credit, one QSL for each state. For that matter, wouldn't it be neat to get WAS, all from April 25th alone? That would trip the breakers in Newington. In fact, I hereby declare I will hand prepare a WAS certificate, donate a prize or whatever to anyone that gets WAS exclusively from this QRP TTF.

Enjoy, Paul NA5N

(Portion of email to/from ARRL)

>For the NorCal QRP TTF event, each year we have a "theme" to encourage
>hams to go "to the field" and have fun. For 1998, we have chosen the
>theme to operate from a state line, so the contact, of course, will count
>as two multipliers and to encourage QRPers to activate some of the "rare"
>states.

>WAS QUESTIONS:

>1. Is there any special annotation that must be on the issuing QSL card
> to ensure both states are properly credited by the ARRL? Or is just
> merely indicating "New Mexico and Arizona state line" sufficient?
>2. How close to the actual state line must one be in order for it to
> qualify as both states simultaneously?

>-----
>From: "Sapko, Eileen" <esapko@arrl.org>
>Subject: RE: W.A.S. Question
>To: Paul Harden <pharden@aoc.nrao.edu>
>
>Hi Paul,
>The answer to your question is "you can't do it that way". For purposes of
>WAS awards, one contact/one QSL card is required per state. So my
>suggestion would be to make contacts from either one state or the other, or
>some from one and then some from the other.
> --73, Eileen Sapko, Awards Manager
>-----

Date: Fri, 24 Apr 1998 02:21:57 EDT
From: PGSPersEng <PGSPersEng@aol.com>

To: qrp-1@Lehigh.EDU
Subject: [8941] Elmer 101: VFO questions
Message-ID: <c1233414.35402f86@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

It seems we're slipping into the theory part of Lesson 3 (the VFO), so I've got a couple of questions and comments.

1. To Chuck, K5FO

I read your quiz in today's digest, have thought things over and think I have some answers. Will you post the definitive answers to the "homework" so I can verify my work?

2. I read Glen's (VE3DNL) post concerning the configuration of the caps in the VFO, and I'm not able to follow exactly what's going on. Can somebody please help me understand what's going on by perhaps redrawing the circuit so all the series/parallel caps are more obvious, and then work through all the calculations that eventually lead to the value of the resonant circuit (near 3 MHz)? I used the ARRL Handbook to determine the value of L1 (and got 2.5 uH, right?). But I'm not able to do the math that leads to the total resonance frequency. HELP!

3. How would I go about calculating the efficiency (P_{out} / P_{in}) for the oscillator circuit?

Thanks,
Paul, AA1MI

Date: Fri, 24 Apr 1998 01:27:29 -0500
From: Lynn Simons <lsimons1@ix.netcom.com>
To: qrp-1@Lehigh.EDU
Subject: [8942] YAH00!!!! It worked!!!!
Message-ID: <354030D1.82488BA@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hey guys,

I just finished aligning the SW 40+! I didn't let any of the smoke out of any of the components either! This neat little rig worked the first time without a hitch! And it has got to be the easiest rig to align I have ever built. Plus to add the icing to the cake I heard C02KK

calling CQ just as I finished the alignment and worked him for my first ever QSO with the new rig. First call and he came back to me with a 559 report. We had a very nice QRP 2X QSO for about 14 minutes. He initially was running 4 watts and then decreased his power to one watt when I told him I was running one watt with the newly built rig.

Boy, is this hobby great or what?!!!

Thanks Dave for a great kit and to the elmers here on the list who are helping so much.

Hope to see everyone this Saturday on the air for QRPTTF. I will be set up in WV for the contest so look for me. I am going to bring the SW 40+ with me in addition to the QRP + so I'm going to see how many contacts I can make with the new rig. I can't wait!

73/72,

Lynn, KJ3V
Birmingham, AL

Date: Fri, 24 Apr 1998 01:01:33 -0700
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)
To: "'qrp-1@lehigh.edu'" <qrp-1@Lehigh.EDU>
Cc: "'ki6ds@dpol.k12.ca.us'" <ki6ds@dpol.k12.ca.us>
Subject: [8943] QRP To The Field/Run to the Border
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: quoted-printable

My wife is not nearly as thrilled with this year's theme as last years =
Paul. She really did enjoy the trip to Vegas. Said she would pass on =
the trip to El Paso (good thing because I only bought 1 plane ticket). =
The bags are packed, and the adrenalin is already starting to flow. =
This should be a great QRP weekend. I would like to thank all of the =
QRPerS in advance who helped to make this weekend possible. The guys =
that came up with the idea around a campfire in Flagstaff, with =
apologies to the writers of Blazing Saddles. Yeah it was the same scene =
exactly, but just a different subject matter. To Joe Gervais, AB7TT who =
is about to be inundated with logs for QRPTTF 98. Joe did a wonderful =
job getting the information out, and even QST got it right this time. =
Thanks for all of your work. Joe has enough enthusiasm for 10 Qrpers =
and it shows in the job that he did doing the publicity for this =
campaign.

Most of all Have Fun, and don't take any chances. Good luck to All. =
72, Doug, KI6DS

Date: Thu, 23 Apr 1998 23:59:36 -0700
From: Conrad <radman@best.com>
To: "'csnyder@nextdim.com'" <csnyder@nextdim.com>, Low Power Amateur Radio
Discussion <qrp-l@Lehigh.EDU>
Subject: [8944] RE: CW...international language--REALLY?
Message-ID: <01BD6F13.EC1FA300@radman.vip.best.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: quoted-printable

Chuck,

One popular view is that CW communication adheres to a well-established =
protocol - a standard procedure or method -- that requires a minimal =
vocabulary to communicate with another station. Decades of CW evolution, =
beginning with Sam Morse himself, have led to internationally recognized =
abbreviations that are simple and effective. Even a meager vocabulary of =
CW abbreviations will allow you to work many DX QSOs without 'learning' =
a new foreign language. Give CW/DX a try - you'll be amazed at how =
quickly you can learn this international language. :) !

72 - Conrad - nn6cw

=20
Hi gang,

I have been wondering for quite a while how is it that CW is an
international language, after all, the phonetic alphabet is in English.
Is the international part of the language from all those Q-Signals?
Please enlighten me because inquiring minds wants to know. Thanks.

Chuck Snyder 73s de KD7BBF
<http://www.nextdim.com/users/csnyder/index.htm>
QRP-L #1462
Spokane, WA

Date: Fri, 24 Apr 1998 02:04:51 -0500
From: Lynn Simons <lsimons1@ix.netcom.com>
To: vole@primenet.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [8945] Re: QRPTTF: Hit List Update 4-23-98
Message-ID: <35403993.6F5EE22@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Guys,

Weather forecast for the weekend is good enough for a go to WV. So I will be operating from WV for the contest. Looking forward to working each and every one of you all out there. BTW I finished my elmer kit, the SW 40+ and made my first QSO with it. I am going to bring it to WV with me and see what I can do with it.

73/72,

Lynn, KJ3V
Birmingham, AL

Date: Thu, 23 Apr 1998 23:51:18 -0700
From: W7LS <w7ls@blarg.net>
To: qrp-1@Lehigh.EDU
Subject: [8946] Tentec Century 21, really nice, \$160
Message-ID: <35403666.2776@blarg.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi, all. I need to part with a really nice Tentec Century 21 (analog dial). Ah, needed to buy another toy, alas.... I've checked it out with a calibrated signal generator to see how sensitive it is. Easily receives a 0.1 uV signal on all bands (80-10, no WARC). Transmitter puts out rated power and exceeds rated output on some bands. 50 watts on 20 meters, for instance.

No scratches on it. Minor, minor, wear. You can tell it's not spanking new, but that's about all. I have the original book. \$160 and whatever UPS dings me. You local? Pickup or handoff somewhere in Bellevue/Seattle area.

73 de Jim, W7LS

Date: Fri, 24 Apr 1998 04:17:22 EDT
From: "Brian Jones" <brian_jones@uk.ibm.com>
To: gqrp-l@blacksheep.org, qrp-l@Lehigh.EDU
Subject: [8947] LONG - DIY CW Tutor
Message-ID: <199804240817.EAA15786@nss4.cc.Lehigh.EDU>
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

All,

I wasn't going to post this until Chuck had got my code onto the FTP site but the recent QRP-L thread re reading CW in the head makes it relevant. GQRP folks - I haven't found a UK ftp home for this project - I was hoping to have my own site but that will be a while yet so if anyone thinks this is worth hosting and has space pls let me know.

Below are details of ther CW tutor I have built. I am now looking to extend this for improvers and to actually teach reading in the head skill I want it to be able to send callsigns, words and even phrases (eg 'ant is dipole, wx is sunny wid temp 21C). Dunno whether this will be possible with the H/W I've chosen or whether I have time or skill but let's imagine! So if I design my new one as a CW improvers tutor and have to have say 4 fixed speeds what do you reckon (20, 25, 30, 35 look abt right?). Do I need to change the weight and gapping as I get faster? Be interested in any design tips and ideas. Hopefully I can interface the PIC with 8K bytes ram so will get as 1500 or so words/calls which will be randomly selected - building actual sample QSOs is going to be too much I think.

Anyway here are details of my current finished project

A while ago I stumbled across David Finleys page
<http://griffy.nmt.edu/sara/sara/finley.morse.html>
describing the Koch method for learning Morse. This seemed to me to be a very good way of implanting the dits'n'dahs in the brain. (The Koch method is to send CW at full speed with correct gapping and spacing but initially only send a stream consisting of 2 different chars. Once discrimination of these has been achieved at or around 100% then a third char can be added and so on. This means that the code rhythm is only learned once and character recognition is a reflex as opposed to cognitive process (thus overcoming the dreaded 8-10 wpm 'wall'))

David gives details of how to implement this using SuperMorse on a PC

but I wanted a portable tutor to regain my speed - so I built one.

I've given a couple of talks to local clubs and there's quite a bit of interest so want to get this out on the web in case a) others are interested in building and b) anyone has got any ideas/mods etc so we can turn this into a really useful CW tutor.

Chuck Adams has offered to host this on the qrp-1 FTP site but in the interim if anyone is interested e-mail me and I'll send the source code and schematic/stripboard layout. You would need to be able to blow the PIC yourself

but it is trivial to build a simple PIC blower(search for Ludipipo on the web)- and the 16C84 is EEPROM so you can reuse for another project if you don't like mine! If there is interest in the project I guess I could provide blown PICs and PCB layout.

>From the README:

Hardware required - a PIC 16C84 (or 16F84) microcontroller,
a 16*2 (or 16*1) Hitachi HD44780 driven LCD, 7805 voltage reg,
4 push to make momentary switches, and a couple of caps and resistors.
No PCB layout is given - can readily be made on protoboard or stripboard.

Features:

2 char speeds - 15wpm and 20 wpm
adjustable number of characters sent per session
random length groups of randomly selected character (3-8 chars per group)
characters, numbers and prosigns mixed
 (uses order suggested by David Finley - means don't learn all chars
 before nums)
bias in favour of the latest char to be learned (approx 20%)
ability to view or resend session just sent
Settings remembered at power-off
One key jump to start menu from anywhere
 (ie can start a new session quickly if 'lost' in the current one)
Runs off 9v PP3 battery or 12v
Can be built pocket size
Compile time selectable US test, UK test or SuperMorse CW character sets
Compile time selectable 16*2 or 16*1 LCD size
Will run on other size LCD (sits in the corner on a 40*2!)
Documented source code supplied so can be tailored

PIC16C84 are as cheap as 2 pounds (3 dollars) in the UK but the LCDs are 14 pounds in Maplins and 14 dollars in Mouser so are the most expensive part - but I have picked 16*1 and 16*2 at UK Ham rallies for 1 pound and at Minneappolis Hamvention last year someone was selling 40*2 ones for one dollar each!

Brian - G0UKB

Brian Jones
Java Technology Centre
HURSLEY MP 146 Ext 246896 (+44 1962 816896)
BEJONES AT WINVMD bejones@hursley.ibm.com

Date: Thu, 23 Apr 1998 23:07:20 -0700
From: "Alan Kaul W6RCL" <alan.kaul@worldnet.att.net>
To: <mwattcpa@earthlink.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [8948] Re: Help in finishing paddles
Message-ID: <19980424060808.AAA7310@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

>What I've learned, though, is that without a sturdy vice and >possibly tools
>like a bench grinder, plus a place to paint/sand/etc., I probably >won't be able to finish my paddles myself.

Whoa.... not exactly a project requiring a master metal shop!
Nor a master machinist!!

First, a grinder is not needed -- 3-4 hours of elbow grease is, however. I don't own a vice, but I held the base stable with one hand and used a file to knock down the hardstuff. Then I sanded mine with emorypaper (some 220, some 420 and some 620). Place the emorypaper on a hard flat surface (I used both a counter top and a table top at different times) and then rotated the base in a circular motion. For hours! It finally got very smooth, and by using something flat to sand against, I ended up without dips or gouges in the keyer base. Similar efforts will work on the brass, but I recomment you use only the finest grit (others, like Doug, used rouge and buffed the brass for another 4-5 hours). After I got the base smooth, I had it chromed. But if you want a paint finish, rig up a little paint space using a cardboard box open on one end. The key bases goes inside the box and you spray paint down into the box, coating the base with several

very light coats. The box keeps most of the aerosol paint contained. (Put papers on the floor opr table around the box, etc). I usually do my spraying outside where it's warmer and where the paint smell dissipates. Just primer the project with a couple of light coats. Then lightly apply the enamel top coats. Slowly, feather light. And when it's glossy enough -- declare victory and install hardware.

PS, I'd recommend you put some old screws into the threaded holes while painting so they don't fill up with paint.

Your key won't necessarily end up looking like it came from Tiffany's -- but it'll be YOUR key.

This is not intended as a flame...good luck and happy sanding!

73/72 de alan

Alan Kaul, W6RCL, LaCanada-Flintridge, CA
<http://home.att.net/~alan.kaul/qrp.html>
alan.kaul@worldnet.att.net
w6rcl@amsat.org

Date: Fri, 24 Apr 1998 07:57:06 -0400
From: aa5yx@juno.com (John F. Harper)
To: pharden@aoc.nrao.edu
Cc: qrp-1@Lehigh.EDU
Subject: [8949] Re: QSLing QRPTTF border stations
Message-ID: <19980424.075707.10726.0.aa5yx@juno.com>

>FOR QRP TTF QSL'ing purposes ... if you work a border stations during
>QRP TTF you need ... I recommend sending the station a SASE requesting
>a
>QSL card AND SPECIFYING THE STATE YOU NEED QSL'd.

Not to be a stickler, but this would be cheating. Few, if any, of the border operations are actually going to be in all the states whose borders they are near. "Near" is good enough for the purposes of this contest but not for WAS. I will be in NJ for my tri-state effort and will be able to see NY (3 miles away) and PA from my operating location. Are you saying I should be able to confirm QSOs with NY and PA for WAS purposes?!

John Harper AA5YX/2 (ex: KA5BBL, KI5OW, VQ9BL)
TenTec Century 21, HW-9, NorCal 40A, OHR-100A/20m

NJ-QRP #148
<http://home.att.net/~j..harper>

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Fri, 24 Apr 1998 08:24:09 -0400
From: "Paul Christensen" <paulc@mediaone.net>
To: <crucis@sky.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [8950] Re: vibroplex
Message-ID: <00b201bd6f7b\$f4d80420\$4ea898a9@jaxadmin2-89.mediaone.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="us-ascii"
Content-Transfer-Encoding: 7bit

I don't believe the Original Presentation model was manufactured until the very late 1940s. Inconsistencies occur with serial numbers for Presentations manufactured in the 1970s under the P. Garsoe ownership.

Is the name plate staked into the base rather than glued? Does the name plate contain an address. These two factors would help in identifying the key's exact vintage.

-Paul, W9AC

-----Original Message-----
From: Mike - W0TMW <crucis@sky.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Date: Thursday, April 23, 1998 9:13 PM
Subject: Re: vibroplex

>According to the date/list published in the Spring 1997 issue of the
>QCWA Journal, that sr# falls into 1928. According to the Journal, 1928
>was the year for keys with SR# 101340 through 103104.

>
>Mike - W0TMW

>
>Cloud Dancer wrote:

>>
>> I have a orig. presentation model vibroplex bug,
>> sn # 102179.
>> Anyone have a list of dates manufactured by sn# s
>> I lost my list.
>> Larry ac5ez

Date: Fri, 24 Apr 98 08:27:04 -0400
From: cjl@mail09.mitre.org (Charles J. Ludinsky)
To: qrp-1@Lehigh.EDU (qrp-1@Lehigh.EDU), jdenison@morelr.com (jdenison@morelr.com)
Subject: [8951] RE: quick coax/ant question
Message-ID: <980424082704.4845@mail09.mitre.org.0>

Joel Denison wrote:

> "I thought" maybe I could peel 33ft of coax shield back over the
> coax and use the shield as half my driven element... would hang straight and
> should keep rf off the coax... could either use the center conductor for the
> other half of the driver or sumtin...

Another trick that has been described (but which I have not tried) is to remove the jacket and shield from a quarter wavelength of coax (not just peeling it back), leaving the center conductor (with or without its plastic core) as one-half of a dipole. Then measure back a quarter wavelength along the coax from the point where the shield was removed, and place a number of ferrite beads (high mu?) at that point. The beads effectively isolate the remainder of the coax and allow the quarter wavelength section to act as the second half of the dipole.

Another idea is to use a half-wavelength (unbroken) wire and to end feed it. MFJ sells an LC tuner designed for end-fed or random length antennas. Or one could easily make one.

72 DE K1CL
Chuck.

Date: Fri, 24 Apr 1998 07:05:48 -0600
From: wa5whn@juno.com
To: qrp-1@Lehigh.EDU

Subject: [8952] QRPTTF '98 WAH00 !!

Message-ID: <19980424.070553.2678.0.wa5whn@juno.com>

qrp-lers,

NorCal "QRPP" shows up in yesterday's US Mail, solar activity is increasing & I had found out that W5FN was the original "Limestone Cowboy" {Limestone, Maine resident for 2 yrs.} ;) Sorry, Tim, I could not resist.

RS-12/13 is in mode A. Thanks to all who had corrected me.

W1VT had made a comment about New England Hams getting off the trail, prior to darkness, before they slip. I had known that the New England Crew were a slippery bunch. ;)

Oh, Chuck - K5F0, we will halt the Thunderboomers at the 4 Corners, with KK6MC's new antenna. Kind of a repeat of Nick Telsa's experiment in Colorado Springs in 1898. ;) This maybe the 2nd time in my life that I may get to see ball lightning, thanks to Dr. Jim - KK6MC. =8-0

Soon to be live or fried from 4 Corners {today} de N4C { N7KT, W5BI, KK6MC, AB7TT & WA5WHN}.

C U all on the air...Jay, WA5WHN

PS Paul, don't forget your Marty Robbins tapes. ;)

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Fri, 24 Apr 1998 09:09:15 -0400 (EDT)
From: William McFadden <wmcfadde@oucsace.cs.ohiou.edu>
To: qrp-l@Lehigh.EDU (qrp-l)
Subject: [8953] Re: QSLing QRPTTF border stations (fwd)
Message-ID: <199804241309.JAA23723@oucsace.cs.ohiou.edu>

MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

John Harper said:

> >FOR QRP TTF QSL'ing purposes ... if you work a border stations during
> >QRP TTF you need ... I recommend sending the station a SASE requesting a
> >QSL card AND SPECIFYING THE STATE YOU NEED QSL'd.
>
> Not to be a stickler, but this would be cheating. Few, if any, of the
> border operations are actually going to be in all the states whose
> borders they are near. "Near" is good enough for the purposes of this
> contest but not for WAS. I will be in NJ for my tri-state effort and will
> be able to see NY (3 miles away) and PA from my operating location. Are
> you saying I should be able to confirm QSOs with NY and PA for WAS
> purposes?!

This is the precise reason that, despite QRPttF being my favorite QRP event,
I am boycotting this year's event. For a short essay on my reasons, visit

http://www.qsl.net/wd8rif/text/qrpptf98_boycott.txt

Eric

--

W. Eric McFadden WD8RIF Athens OH
wd8rif@qsl.net
<http://www.qsl.net/wd8rif>

Date: Fri, 24 Apr 1998 09:09:59 -0400
From: Greg Weinfurtner <gweinfurt1@ohiou.edu>
To: qrp-l@Lehigh.EDU
Subject: [8954] QRO power failure, Safety and interesting pics
Message-ID: <v03110706b16545a2b40f@[132.235.72.188]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Gang,

Boy this is not QRP! It's QRO and safety related! But I thought
that those of us who work with 'lectric would find these interesting. Just
goes to show that weird things happen with electricity.

We had one outlet in our computer lab that kept blowing one of the
circuit breakers very intermittently for the last couple of weeks. We

would reset the circuit breaker and it would be alright. There were a number of computers hooked up to outlet strips and one little emergency power light. We had surmised that the computer load on the AC line was nearing the current limit or that we may have had a bad circuit breaker.

What really happened is something else!

Check out what happened when a penny fell off the back of a table in our computer lab. It fell perfectly onto the back of the emergency light. So perfectly, that it landed on the two power prongs and you can imagine the results! It wasn't discovered to be the problem for 2 weeks! It would respond to vibration, shorting out when it was barely moved.

Good thing to check around the shack, make sure that no wires or metal objects can fall onto the AC plugs! That is why the AC prongs, at least here in the US, should be mounted with the ground prong "up". Doesn't look right I know, but it is a safety feature.

Here is a picture:

<http://ouvaxa.cats.ohiou.edu/~weinfurtner/penny.JPG>

Here is a closeup:

<http://ouvaxa.cats.ohiou.edu/~weinfurtner/closeup.JPG>

73 and have a SAFE weekend!de NS80

Date: Fri, 24 Apr 1998 09:12:00 -0300
From: "Prof.Arnaldo Coro Antich" <inforhc@mail.infocom.etcса.сu>
To: <qrp-L@Lehigh.EDU>
Subject: [8955] QRP TTF Contest
Message-ID: <01bd6f7a\$2f930760\$07199e03@luis>
MIME-Version: 1.0
Content-Type: multipart/alternative;
 boundary="-----_NextPart_000_001C_01BD6F61.0A45CF60"

This is a multi-part message in MIME format.

-----_NextPart_000_001C_01BD6F61.0A45CF60
Content-Type: text/plain;
 charset="iso-8859-1"

Content-Transfer-Encoding: quoted-printable

Hi ALL !

Tested my new 40 meter SLOPER-PLUS antenna yesterday, in the process of =
getting ready
for the contest.

KJ3V was monitoring with a rig called an SW-40 (don't know what it is) =
and heard me

calling CQ while I was running 4 watts into the new antenna.

We had a nice QSO... he was running just 1 watt, so I decided to QRP =
back from QRO 4

watts to QRP 1 watt myself... and the QSO went on, despite a very noisy =
40 meters !

SLOPER-PLUS antenna article is almost finnishd and will be submitted to =
one of the

radio amateur magazines soon...

I'll be on during the whole contest, either running AC or Battery Power.

Bands available are 40,15 primary , and 20 and 10 secondary...

Hope to have a nice time...

P.S. Other cuban stations participating will include C06XN, Abel, who =
told me yesterday

he will not be QRP himself, but will be in the contest, he will operate =
20 and 15 meters.

72 to all

Arnie

e-mail : inforhc@mail.infocom.etecsa.cu

e-mail" arnie@radiohc.org

phone res: 53-7-301794

-----=_NextPart_000_001C_01BD6F61.0A45CF60

Content-Type: text/html;

charset="iso-8859-1"

Content-Transfer-Encoding: quoted-printable

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</HEAD>

<BODY bgColor=3D#ffffff>

<DIV>Hi ALL !</DIV>

<DIV>Tested my new 40 meter SLOPER-PLUS antenna =

yesterday, in the=20
process of getting ready </DIV>
<DIV>for the contest. </DIV>
<DIV>KJ3V was monitoring with a rig called an SW-40 (=
don't know=20
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I decided=20
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<DIV>he will not be QRP himself, but will be in the =
contest, he=20
will operate 20 and 15 meters. </DIV>
<DIV>72 to all </DIV>
<DIV>Arnie </DIV>
<DIV>
e-mail : <A=20
href=3D"mailto:inforhc@mail.infocom.etecsa.cu">inforhc@mail.infocom.etecs=
a.cu
e-mail"=20
arnie@radiohc.org</DIV>
<DIV>
phone res:=20
53-7-301794
 </DIV></BODY></HTML>

-----=_NextPart_000_001C_01BD6F61.0A45CF60--

Date: Fri, 24 Apr 1998 08:26:14 +0000
From: "Bryan Turner" <turnerw@email.uah.edu>
To: qrp-1@Lehigh.EDU

Subject: [8956] AL/TN Station for QRPTTF
Message-ID: <9804241337.AA23391@uahis1.uah.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7BIT

I will make every effort to be QRV on the Alabama-Tennessee border for the QRPTTF. I will be working part of the day so I'll only be able to operate the last three or four hours at best. I'll be on 40 only (around 7040) listening for station calling CQ. I don't have a good antenna system, but I'll try. Just have mercy on a rusty CW op. (Although there's a railroad where I'm operating, this border doesn't have a river.)
73 Bryan W8LN

Date: Fri, 24 Apr 1998 08:27:51 -0500
From: John Bohnert <johnb@elmhurst.edu>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [8957] QRPTTF Rules
Message-ID: <35409357.69CD0367@elmhurst.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I know that I have been working too hard lately...saving the Elmer 101 posts for the SW 40+ sitting on the bench. Found I have some time for playing QRP this weekend, so between putting parts on the board for the voltage regulator and the vfo I need the rules for QRPTTF. Can someone direct me to a site? Pse respond direct. TNX

72
John N9KW QRP-L #1257
Elmhurst, IL

Date: Fri, 24 Apr 1998 09:28:33 -0400
From: jim nestor <nestoji@home.com>
To: qrp-l@Lehigh.EDU
Subject: [8958] UK licensing
Message-ID: <19980424133158.AAA25712@cc652944-a.ewndsr1.nj.home.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Thanks to all who responded to my query about CEPT or other licensing in the UK. I called the UK licensing authority this morning and they are sending the necessary forms for a Permanent UK Reciprocal license which will also allow me to operate in the CEPT member countries of Europe. With a bit of luck, I'll have the ticket in time for a vacation trip to Scotland the end of May.

If it's worth knowing, you can usually find it on this list!

I'll be on the air for QTTF from Central NJ tomorrow. Because of a weird schedule, I plan to operate a mixture of AC powered from home, DC from a screened porch, and mobile/portable from the Blazer. Not exactly TTF but should be fun as always.

72,

Jim, WK8G/2
nestoji@home.com

Date: Fri, 24 Apr 1998 14:53:06 +0100
From: adams@chuck.dallas.sgi.com (Chuck Adams)
To: PGSPersEng@aol.com
Cc: qrp-1@Lehigh.EDU
Subject: [8959] Re: Elmer 101: VFO questions
Message-ID: <199804241353.0AA06989@chuck.dallas.sgi.com>

Paul and the group,

I can post the answers to the quiz early next week if everyone desires. They were meant to get people to think about some things. Not meant to be tricky or difficult. My feeling here is that I don't want to post answers too quickly in order to give the digesters and others time to work/think/research where needed.

FYI

Chuck Adams K5FO Dallas, TX CP-60
<http://reality.sgi.com/adams> adams@sgi.com

Date: Fri, 24 Apr 1998 07:16:23 -0700 (PDT)
From: Monte Stark <ku7y@dri.edu>
To: Greg Weinfurtner <gweinfurt1@ohiou.edu>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [8960] Re: QRO power failure, Safety and interesting pics
Message-ID: <Pine.SOL.3.96.980424071420.18172A-100000@vortex>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi All,

This is why I install all the outlets I can with the ground
pin at the top.

I have never seen a penny do that, but I have seen little
wire clippings do it!!

With the ground pit at the top the wire clippings don't seem
to be a problem!

cul,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Fri, 24 Apr 1998 09:37:06 -0600
From: "David Bixler" <DBIXLER@hs.seneca.k12.mo.us>
To: qrp-l@Lehigh.EDU
Subject: [8961] QRPTTF OK-MO-KS
Message-ID: <1DD98CB2687@hs.seneca.k12.mo.us>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Well gang, it's getting close. The OK/MO/KS Expeditionary Force
will be making the first annual assault on the border of those three
elusive states. The weather forecast is for temp's around 80 degrees

and a 30 percent chance of rain and thundershowers.

Look for the following call signs on all bands 80 through 10 meters:

KJ5MG	Don
KW5OK	Joe
W0CH	Dave

Those stations within range be sure to try 80 meters for some extra multipliers! I'll try to be on 3560 every hour, on the hour for a few minutes starting at 1700Z. This is of course contingent on the static level from those 30 percent thundershowers.

And yes, we WILL be on the border. Our antennas and radial wires will cross all three of the state lines. Maybe even back and forth a couple of times. Any contact with our group WILL BE VALID FOR ALL THREE STATES!!!!!! If anyone needs QSL cards marked special for ARRL purposes, that can be handled too.

Here's hoping for good propagation.....

72, Dave and company

David Bixler W0CH
Seneca, MO
QRP: Minimum power, maximum fun!

Date: Fri, 24 Apr 1998 10:37:03 -0400 (EDT)
From: George Gingell <k3tks@u1.abs.net>
To: Brian Jones <brian_jones@uk.ibm.com>
Cc: gqrp-l@blacksheep.org, qrp-l@Lehigh.EDU
Subject: [8962] Re: GQRP - LONG - DIY CW Tutor
Message-ID: <Pine.BSI.3.96.980424102806.9315B-100000@u1.abs.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Sounds interesting Brian. If you are going to concentrate on Callsigns, might I suggest an idea. Use real callsigns of QRPers for the practice. You might want to contact Cam Hartford, N6GA or Gus Taylor, G8PG on that side for a good list of Names and Calls for Active QRP Contesters.

I used QRPers who were active on the QRP Nets when I did it with one of the Computer CW Programs. Just a matter of choice.

The nice part is that it also helps to learn the names and Calls of all of our friends. Everyone will have a different list and each will be special.

Also consider using your Worked Members List. (G-QRP or QRP ARCI).

Sir George, The First :^)

72 ES

QRP DX TU (C) 1986, G. "Danny" Gingell, K3TKS@ abs.net

QRP A.R.C.I. Net Manager and Board of Director Member.

George D. Gingell, Jr. 3052 Fairland Road, Silver Spring, MD 20904-7117

Maryland Milliwatt Club QRP Reference Library, (301)572-6789

Maryland Milliwatt Club Founder and Trustee of Club Station - WQ3RP -

Grid Square FM19mb 76.94 W - 39.06 N Silver Spring, MD 20904 QRPea.A.

Date: Fri, 24 Apr 1998 07:53:43 -0700

From: Andy Fox <foxes@theriver.com>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [8963] Dupe Sheets

Message-ID: <3540A777.E6C5CCC4@theriver.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Hi,

I'll be using a QRP logging method (pen and paper) for QRPTTF. Since I'm an advocate of not reinventing the wheel (aka "lazy"), I'm wondering if anybody has already made up dupe sheets. Straight ASCII text is preferred, but anything I can print is just dandy.

Anyone? Anyone?

"Ferris Bueler's Day Off"

--

72/73 de Andy, KK7HV - QRP-L #1286 - Benson, AZ

Date: Fri, 24 Apr 98 11:03:50 EDT
From: Bill Acito 24-Apr-1998 1059 <acito@asdg.ENABLE.dec.com>
To: -qrp@us1rmc.bb.dec.com
Cc: acito@asdg.ENABLE.dec.com
Subject: [8964] FS: Zeit1 Desktop Radio-controlled clock
Message-ID: <9804241503.AA08569@us1rmc.bb.dec.com>

I have an extra one of these (ZEIT1) in like-new condition.
(this is not the RS-232 version)

\$50, plus 1/2 shipping.

picture and description on the web at
<http://www.arctime.com/zeit1.htm>

b

. - I own my own words -
Bill Acito acito@asdg.enet.dec.com
|d|i|g|i|t|a|l| Digital Equipment Corporation Hudson, MA

W1PA qrp-ne qrp-l adv-rs arci norcal amsat-na arrl-life

Date: Fri, 24 Apr 1998 15:04:58 +0000
From: Ed Loranger <we6w@qsl.net>
To: hhurst@delaware.infi.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [8965] Re: copper foil tape
Message-ID: <3540AA1A.313A@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello Harry. I remember making a few circuits with these.

One thing is that the glue on the back sometimes comes loose when soldering and also if your circuit gets hot.

I recommend you prototype directly on raw copper boards instead and also use breadboards too. Leave copper foil tape for shielding uses.

-Ed

Harry Hurst wrote:

>
> I'm interested in copper foil tape for quickie "printed" circuit boards.
> Anyone out there tried this technique?
> -----
> Amateur Radio - WA3PTG
> QRP-L #1464
> Wilmington DE

--

72, Ed, WE6W/qrp CW ONLY; Proud Member: QRP-L/ARCI/Norcal/ARS/AR
<http://www.qsl.net/we6w> (Enjoying Ham Radio every day.)

Date: Fri, 24 Apr 1998 10:17:28 -0500
From: "Walter Dufrain" <walter@inlink.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [8966] Re: quick coax/ant question
Message-ID: <199804241421.JAA25413@thor.inlink.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Hi to all, especially Joel Denison,

You may want to try the Random Wire Vertical that was put together and written up by Dave Gauding, NF0R. This is a great working antenna, and can be aluminum tubing or just plain ole' wire for the radiating element.

If you visit G3YCC's homepage, select antenna topics, there are 2 articles on this antenna.

<http://www.homeusers.prestel.co.uk/g3ycc/>

BTW: I don't know what the computer model programs say about this antenna, but I have used it with Dave NF0R on several occasions (field days) and it performs. Its very simple, no extra radials are required, and it can be pointed

up or pointed down (hanging from a window). As usual, if it didn't work, then Dave would surely not put his name with it. AND its a lot more versil-tuna-tility than the coax vertical. :-)

that's my .01 cents worth.....good luck

de Walter AG5P Wright City, Missouri
C W the Cerebral Wavelength

>
> Joel Denison wrote:
>
> > "I thought" maybe I could peel 33ft of coax shield back over the
> > coax and use the shield as half my driven element... would hang
straight and
> > should keep rf off the coax... could either use the center conductor
for the
> > other half of the driver or sumtin...

Date: Fri, 24 Apr 1998 12:45:26 +0100
From: "Bob Duckworth" <wb4mnf@atl.org>
To: "baswaplist" <baswaplist@foothill.net>, "qrp" <qrp-1@Lehigh.EDU>
Subject: [8967] Want R390 or 390A Selling fancy laptop(s). Partial Swap will work.
Message-ID: <199804241529.LAA06948@atl.org>

Want R390. Swap New IBM portable PC below for
(\$1650 and (R390 or 390A))
Sell outright \$1950.
Or swap Compaq described below for
(\$650 and (R390 or 390A))
Sell outright \$950.

R390 or 390A should be reasonably complete. Please describe any operational problems or missing/damaged parts (bad filter, broken slug, missing cover(s), SS power supply conversion, etc.) I need this radio to swap for an old National.

Thanks.
-bob
wb4mnf

Also for sale.
HT37. \$85 local, \$100 plus UPS from 30306 if shipped.

JPEG image available sometime this weekend.
Hallicrafters HA26VF0 \$15 plus shipping. Maybe free
plus shipping if I owe you a favor. Write and let me know.
Olson M105 Bullet microphone. Last Olson microphone
on ebay went for big bux (>\$400) so I'm asking \$50 for this one.
A little rough but with original box. JPEG image this weekend.

Last of all, have an Argonaut 509 that I've not used for years.
Will fire it up and take photo this weekend. Write if interested.

-----laptop

1-----

New in factory sealed box IBM Thinkpad 385XD.

Descriptive URLs below.

I glomed specs as ASCII and included for folks with email only.

<http://www.can.ibm.com/pcco/thinkpad/quickspecs385.html>

<http://www.can.ibm.com/hc/26358eu.html>

ThinkPad 385 Technical Specifications

385XD - NEW!	Model 2635-8EU	
Intel Pentium Processor	233MHz with MMX	
	512KB L2 Cache	
Display/colors	(800x600)	
	12.1" HPA/16M	
Hard Disk Drive	2.1GB	
Memory (std/max)	32/96MB	
CD-ROM		24X-10X
56Kbps PC Card Modem	Included	
Weight	7.1 lbs	
Battery Type/Life		Li-Ion/3.5 hrs

-----laptop

2-----

<http://www.compaq.com/resellers/prodlist/portables.html>

Compaq Armada 1530DM

Pentium MMX 133MHz

12.1" CSTN screen 800x600

32meg RAM

1.4gig disk

12 X CDROM

NT4.0 (I like much better than Win95. While not Unix yet, it's getting there:-)

33.6 modem built in.

Charger built in.
Very light use. Looks new.
Model was recently discontinued and discounted to \$1099 with 16meg
but is sold out. This one has 32meg and looks like new.

Date: Fri, 24 Apr 1998 11:57:10 EDT
From: DYARNES <DYARNES@aol.com>
To: wmcfadde@oucsace.cs.ohiou.edu, qrp-1@Lehigh.EDU
Subject: [8968] Re: QSLing QRPTTF border stations (fwd)
Message-ID: <5c77cb7b.3540b659@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Not to be a stickler, but this would be cheating. Few, if any, of the
> border operations are actually going to be in all the states whose
> borders they are near.

Discussions on QRP-L have made it abundantly clear that the ARRL will NOT
accept these "Border Operations" QSOs for WAS credit; my concern is that
QRP operators will get a "black eye" when QSL cards start showing up
at the ARRL for WAS.

I disagree with both of the above statements. First of all, ARRL has NOT made
it "abundantly clear" that border operations are not acceptable. They have
only said they will not give you credit for multiple states on one card.
Unfortunately, they refuse to accept the fact that you can operate
simultaneously from more than one geographical location thus forcing us to
provide multiple QSL's to those who may need it. For those just wanting some
interesting wallpaper, one card which shows the multiple locations will
suffice.

As to the "cheating" question, well you can always cheat and in a great many
ways. You are forever at the mercy of the other station in special situations
like this, and we just have to accept what they say is true. Did the other
station REALLY copy your report to him? If not, your qso is no good. I'll
bet you have several "confirmed" QSO's where they exchange was really screwed
up. The county hunters operate from county lines all the time. I can't swear
they were really where they said they were, but I accept it. ETC, ETC. If
you KNOW it's wrong, then don't count it. If you have no good reason to doubt

it, why would you?

So, can you operate from more than one state at one time? Approximately 40 years ago (I think around 1958) I participated in what may have been the first (or maybe second) venture to the 4 Corners operating site. A group of us from Albuquerque (I was K5HZC at that time), operated from the exact location where the 4 states (Utah, New Mexico, Colorado, and Arizona) come together at a common point--the only such point in the U.S. We operated as "portable 507" designating all the call areas represented. Prior to making the trip, we specifically asked ARRL what determined your actual location. Their answer--where your antenna is located. So, we put up a vertical antenna directly on top of the monument at 4 Corners which denotes the point common to all 4 states. Additionally, we had guy wires and radials running off into each state. I don't think there was any question that our antenna was physically located in all 4 states simultaneously. We could have just as easily put the radio on top of the monument, but they said it was "the antenna". Of course, ARRL wouldn't let us count contacts as being a 4 bagger back then either. At least they are consistent. But, as best as I remember, we were able to confirm ANY of the 4 states a station might want for WAS. This "expedition" was memorialized in QST for anyone who wants to scan their old issues.

This year's theme is to make it fun for those who want to take the time and go find a border. If you don't feel right about claiming credit for a contact, don't do it. But why boycott? Get in there and work as many stations as you can, stick pins in a map, and have a good time!

72 es good luck de David W7AQK

Date: Fri, 24 Apr 1998 09:11:55 -0700 (MST)
From: Joe Gervais <vole@primenet.com>
To: qrp-l@Lehigh.EDU
Subject: [8969] Re: QSLing QRPTTF border stations
Message-ID: <199804241611.JAA08574@usr01.primenet.com>

Howdy Eric (and Folks),

Eric (WD8RIF)

>

> This is the precise reason that, despite QRPTTF being my
> favorite QRP event, I am boycotting this year's event.

That's punishing yourself a bit hard, isn't it?
Why not get on the air and exchange some friendly

RF with QRP-L cohorts? If you disagree with the way states will be represented, simply don't QSL. Totally voluntary.

That way you get to join in the fun, maybe search for and work some of the N/T+ QRPers higher up the band who will be anxious for a QSO, etc.

Some folks feel that skeds arranged via email shouldn't count toward WAS. Nor should various net operations. Bottom line is that everyone chooses their own limits/goals.

As for the ARRL not recognizing border ops, the fact is they *do* all the time via county hunter awards. Odd, isn't it? This is the same ARRL that doesn't think QRP is relevant when applying for DXCC, but *will* give you a QRP endorsement for WAC. Go figure. The Three Wise Men they ain't!

So don't sweat it - just go radiate and enjoy. Life's too darn short. A lot of folks are going to be having a ton of fun in a unique event tomorrow. Work, taxes, death - good grief, we need all the fun we can get! :-)

Cheers de AB7TT,

-Joe, vole@primenet.com, NorCal Contest Manager, NorCal QRP, AZ ScQRPions, and many other fine, furry groups....

"It's hard to be unhappy when you have warm feet."
- Dave Rose, Fellow Snow Camper

Date: Fri, 24 Apr 1998 12:29:07 -0400
From: tom@tombo.microserve.com (Thomas J. Bogusko)
To: k6esmead@pacbell.net, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [8970] Re: Slashed Zeros
Message-ID: <199804241620.MAA29529@mail.microserve.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 10:23 AM 4/22/98 -0700, Earl S. Mead wrote:
>Hi Clayton:

>Thank you very much for your timely information about slashing zeros. I
>did your suggestion of holding down the "ALT" key, then pressing the
>0216 keys in that order then releasing the "ALT" key. The slashed zero
>appeared in MS Word97, Wordpad and Notepad. I don't have any other word
>processors to test your suggestion in.
>Again, thanks.
>--
>73s, CUL, Earl, K6ESM
>
<clip>

Earl,

I caught this message but missed the thread prior to it. Could you perhaps send me a copy of the "slashed zero" info?

Thanks, Tom

Thomas J. Bogusko
WB3FYU
tom@tombo.microserve.com
Tom_Bo@msn.com
Powered by "WIN 95."

Date: Fri, 24 Apr 1998 09:21:41 -0700 (MST)
From: Joe Gervais <vole@primenet.com>
To: brian_jones@uk.ibm.com
Cc: gqrp-l@blacksheep.org, qrp-l@Lehigh.EDU
Subject: [8971] Re: GQRP - LONG - DIY CW Tutor
Message-ID: <199804241621.JAA09121@usr01.primenet.com>

Sir George (K3TKS) wrote:

>
> Sounds interesting Brian. If you are going to concentrate on Callsigns,
> might I suggest an idea. Use real callsigns of QRPers for the practice.
> You might want to contact Cam Hartford, N6GA or Gus Taylor, G8PG on that
> side for a good list of Names and Calls for Active QRP Contesters.

Heck, it's easier than that - just pick up any QRP contest results from the many QRP journals or online sites. :-) And I hesitate to say it, but I *do* have the FYBO '98 results ready, just haven't released 'em yet.... I could forward

those along.... ;-)

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"And now for something completely different...."

Date: Fri, 24 Apr 1998 16:27:06 +0000
From: Ed Loranger <we6w@qsl.net>
To: foxes@theriver.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [8972] Re: Dupe Sheets
Message-ID: <3540BD5A.7B53@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I have sent Andy the standard Dupe sheet. Just lettin'
y'all know to keep the B/W down.
-Ed Loranger
--

72, Ed, WE6W/qrp CW ONLY; Proud Member: QRP-L/ARCI/Norcal/ARS/AR
<http://www.qsl.net/we6w> (Enjoying Ham Radio every day.)

Date: Fri, 24 Apr 1998 11:32:46 -0500
From: ac5ez@webtv.net (Cloud Dancer)
To: qrp-l@Lehigh.EDU
Subject: [8973] QSLs
Message-ID: <199804241632.JAA04920@mailtod-122.bryant.webtv.net>
Content-Type: TEXT/PLAIN; CHARSET=US-ASCII
Content-Transfer-Encoding: 7BIT
MIME-Version: 1.0 (WebTV)

I agree with Joe ,ab7tt. As a personel thing I have never worked a Dx
station off a list, but thats just my thing. As far as a qso not
counting, if made off a sked, where is the logic in that. We all work
Dxpeditions , whats that, if not an "open sked"?
Ac5ez

To finish off, we've got C7, Ce, and Cd all in parallel, so we add 'em:
 $68 + 9.64 + 977.7 = 1055.34\text{pf}$

This is the capacitance that resonates with L1, so we can work out the resonant frequency:

$F = 1/(2\pi\sqrt{2.5\text{e-}6 * 1055.34\text{e-}12}) = 3.0985 \text{ MHz}$. Pretty close.

>3. How would I go about calculating the efficiency ($P_{\text{out}} / P_{\text{in}}$) for the
>oscillator circuit?

May I suggest that this isn't the kind of circuit where efficiency is important. Its not a power oscillator. The two loads (U1 mixer and U5 mixer) are both pretty high impedance and don't draw significant power from this VFO.

And the DC power drawn by the VFO is a very small fraction of total transmitter power.

According to Dave's DC voltage chart, emitter voltage is 2.5v DC. That's across the emitter resistor (R17) of 2.2k. So the VFO draws 1.14mA DC current from the supply. That's still a fraction of the 16mA receiver current.

So you might think, "why can't we draw more power from the VFO, so that we don't need as much gain in the transmitter chain?". There's a good reason: U5 (the transmit mixer) can't handle big signals. It sets the limit on how much 7MHz. energy is available.

Date: Fri, 24 Apr 1998 12:30:43 -0400 (EDT)
From: "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
To: qrp-l <qrp-l@Lehigh.EDU>
Subject: [8975] A note on QSLing and SASEs
Message-ID: <Pine.LNX.3.95.980424122742.28275A-1000000@w3eax.umd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

If you work me, and want a card, you need NOT include an SASE.

I guess I am a traditional ham in that I consider QSLing to be an exciting aspect of the QSO, and if you think enough of me to send me your card, at your expense, I will surely think enough of you to do same.

I'm not saying everyone SHOULD feel this way, but it'd be awfully nice if everyone did.

TU

* Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 *
* 6m 82 grids on 8w * DXCC WAS WAC * QRP-L #147 * QRP ARCI #9054 *

* <http://w3eax.umd.edu/~ham> * ARRL Life Member /Laurel ARC/UMARA *
*** 301-549-1022 h 301-982-1015 w *** 35 wpm HF mobile CW Neon ***

Date: Fri, 24 Apr 1998 09:40:09 -0700 (MST)
From: Joe Gervais <vole@primenet.com>
To: qrp-l@Lehigh.EDU
Subject: [8976] CW SS QRP Results - Wow!
Message-ID: <199804241640.JAA09773@usr01.primenet.com>

Howdy Folks,

Sorry if this has already come up (been a bit distracted), but I was quite impressed as I looked through the CW SS results in the May '98 issue of QST (well OK, a deservedly proud AB7TK in ID badgered me into reading it.... ;-)).

In plenty of states, the QRP ops scored higher than all of the Class A ops! Wow! Nice to see that even in the states where QRPers didn't beat out the top Class A scores, they still came out ahead of many Class A operators.

Score one for the underdogs! Yay team! :-)
Hope I can get on next year and add my RF to the cause. Congrats to all!

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"Oh yes, Norwegian Blues stun easily. Remarkable bird! Beautiful plumage!"

Date: Fri, 24 Apr 1998 10:02:36 -0700 (PDT)
From: Danh Le <dql@slip.net>
To: qrp-l@Lehigh.EDU
Subject: [8977] Re: CW copy in your head
Message-ID: <E0ySlrx-0000ht-00@slip-3.slip.net>
MIME-Version: 1.0

Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

CW had been my favorite mode of operation but I never really feel comfortable with it since I write everything down during a QSO. I got pretty good with that after a while. I can sustain a 23 wpm QSO writing everything down on paper!!! I actually enjoy CW that way for almost 5 years.

A few months ago, I accidentally stumbled upon ka8fox contest web site. There was an article which really caught my eyes. The article title was "How to become a High Speed CW Operator" by AH6NB, July 1996. I downloaded that article and studied it carefully (really, using SuperMorse, I generated several tapes with that article at various speeds and listened to them every day!)

After four months of practicing the method described in that article by AH6NB, I am able to comfortably copy CW in my head at 35 wpm. I even ventured into mobile CW last month. I am still practicing high speed CW copying every day. Not so much to get my speed any higher, but to enable me to recognize words quicker. After all, the only thing I REALLY WANTED to master is being able to copy a news article in CW the same way we listen to the News on the radio or TV.

Here is the location of that article (and many interesting more) for those who are interested.

<http://www.qth.com/ka9fox/op-techniques.shtml>

72/73 es GL de Dan, ke6d

=====
Dan Le
Amateur Radio Station KE6D QRP-L # 1212 NORCAL # 2414
dle@san-jose.ate.slb.com (work)
dql@slip.net (play)
ke6d@w6yx.ampr.org (packet)
=====

Date: Fri, 24 Apr 1998 17:03:17 +0000

From: Ed Loranger <we6w@qsl.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [8978] VISIT This! NSS VLF tourpage.
Message-ID: <3540C5D5.FF4@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

<http://www.exit109.com/~jimh/nss.shtml>

Folks who can browse. This QRO VLF facility
is awesome. Really shows what you need
for efficiency. Be sure to check out
the goliath_ant.jpg mid screen!

Now TTF! ("To The Fridge" for us Home operators!)

Hee, har haw!

-Ed

--

72, Ed, WE6W/qrp CW ONLY; Proud Member: QRP-L/ARCI/Norcal/ARS/AR
<http://www.qsl.net/we6w> (Enjoying Ham Radio every day.)

Date: Fri, 24 Apr 1998 12:07:29 -0500
From: Bob Reynolds <breynold@sigg.com>
To: qrp-l@Lehigh.EDU, ham@w3eax.umd.edu
Subject: [8979] A note on QSLing and SASEs -Reply
Message-ID: <98Apr24.120442cdt.26882@firewall.sigg.com>
Mime-Version: 1.0
Content-Type: text/plain
Content-Disposition: inline

Scott Rosenfeld [NF3I] wrote:

>>>you work me, and want a card, you need NOT include an
>>>SASE.
>>>I guess I am a traditional ham in that I consider QSLing to be
>>>an exciting aspect of the QS0, and if you think enough of me
>>>to send me your card, at your expense, I will surely think
>>>enough of you to do same.

That is the it was when I got my license (1959). I still feel the
same way - a QSL is part of the QS0, not an SASE, SAE & "green
stamp", etc.

73, Red K5VOL

Date: Fri, 24 Apr 1998 17:13:50 +0000
From: Walt Amos <waltk8cv@ameritech.net>
To: Qrp-l List <qrp-l@Lehigh.EDU>
Subject: [8980] [Fwd: RS SWR meters in Michigan \$19.97]
Message-ID: <3540BA3E.E2F0A30C@ameritech.net>
MIME-Version: 1.0
Content-Type: multipart/mixed; boundary="-----119D2786B0C748D77BC4EBA9"

This is a multi-part message in MIME format.

-----119D2786B0C748D77BC4EBA9
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Oh.....Wosers.....8 left in Michigan. Two at Telegraph and
Elisabeth Lake Rd.

Now to get on my Bicycle mobile and peddle out there..... NOT (as I
already have an OHR WM-2)

Walt k8cv
-----119D2786B0C748D77BC4EBA9
Content-Type: message/rfc822
Content-Transfer-Encoding: 7bit
Content-Disposition: inline

Received: from fidoii.CC.lehigh.EDU ([128.180.1.4])
by mptr0.milwaukee.wi.ameritech.net (InterMail v03.02.01 118 111)
with ESMTP id <19980424041641.BVQG8543@fidoii.CC.lehigh.EDU>
for <waltk8cv@ameritech.net>; Thu, 23 Apr 1998 23:16:41 -0500
Received: from Lehigh.EDU ([127.0.0.1]) by fidoii.cc.Lehigh.EDU with SMTP id
<13582-58788>; Fri, 24 Apr 1998 00:19:03 -0400
Received: from nss4.cc.Lehigh.EDU ([128.180.1.13]) by fidoii.cc.Lehigh.EDU with
ESMTP id <13341-49830>; Fri, 24 Apr 1998 00:18:13 -0400
Received: from animal.blarg.net (mail@animal.blarg.net [206.124.128.1])
by nss4.cc.Lehigh.EDU (8.8.8/8.8.5) with ESMTP id AAA32762
for <qrp-l@lehigh.edu>; Fri, 24 Apr 1998 00:18:08 -0400
Received: from LOCALNAME (c50-camilla.blarg.net [206.124.131.179])
by animal.blarg.net (8.8.5/8.8.4) with SMTP
id UAA07130; Thu, 23 Apr 1998 20:22:45 -0700
Message-Id: <353FF678.2B8E@blarg.net>
Date: Thu, 23 Apr 1998 19:18:32 -0700

Reply-To: w7ls@blarg.net
Sender: owner-qrp-l@Lehigh.EDU
Precedence: bulk
From: W7LS <w7ls@blarg.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: Re: RS SWR meters in Sonoma, \$19.97
References: <4fdd4c51.35400281@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
X-To: qrp-l@Lehigh.EDU, WD6BOR@aol.com
X-Mailer: Mozilla 2.01 (Win16; U)
X-Listprocessor-Version: 8.1 beta -- ListProcessor(tm) by CREN

3 left in Redmond, WA. Call them at 425-883-8711 if interested.
73 de Jim, W7LS

WD6BOR wrote:

>
> I just picked up two of the digital SWR meters here in Sonoma, CA (Home of the
> Valley of the Moon Hamfest this Saturday) and the staff told me that they have
> a line on nine more. I had purchased the first at \$29.97, but when I went in
> to pick up the second one it was \$19.97. RS has a thirty day price guareentee,
> so they cheerfully refunded me twenty dollars for the price difference.
>
> I have also been able to pick up speaker mics, RMS DMMs, those silly dipoles,
> and about \$40 worth of enclosures at 97 cents each. I can't tell you all how
> much I've appreciated the information from this list.
>
> Let me know if any of you would like me to pick up a SWR meter, 21-527, and
> I'll see how many they can transfer in from other stores.
>
> 72,
>
> Darrel, WD6BOR

-----119D2786B0C748D77BC4EBA9--

Date: Fri, 24 Apr 1998 12:18:23 -0500
From: Tellefsen Bob-CNSE97 <cnse97@lmps102.comm.mot.com>
To: QRP-L list <QRP-L@Lehigh.EDU>
Subject: [8981] QTTF

Message-ID: <351A2DFAE256D111883A0060B06B1662661D83@s-il02-j.comm.mot.com>
MIME-Version: 1.0
Content-Type: text/plain

To assist Bill, KD7S, in putting the great but rare (for QRPers) state of California on the air, Dwight (WA6NAE) and I will put the even rarer Alameda County on the air.

We have selected a choice hilltop site with a beautiful view of San Francisco Bay and the surrounding hills, so will be kicked back cruising 40m and 20m for QTTF contacts.

Remember, if you haven't worked Alameda County, you haven't really worked California yet :-)

We will flip a coin to see which call we use, once we are set up.

72, Bob N6WG (01' Kenwood is sitting this one out)

Date: Fri, 24 Apr 1998 10:42:41 -0700
From: George Zafiropoulos <georgez@quickturn.com>
To: qrp-l@Lehigh.EDU
Subject: [8982] Sierra QRP Rig for sale.
Message-ID: <3.0.5.32.19980424104241.0082d1f0@mailhost.quickturn.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I have a Wilderness Sierra for sale. I built the kit and it is in excellent condition and works great. The radio includes...

Wilderness Sierra - built
KC2 Keyer/Freq. Counter/S-Meter/Wattmeter board - Built and installed
Noise blanker - unbuilt
40m module built and tuned up.
80m/30m/20m modules partly built

I love this little radio but I need the money to buy another toy.
The whole thing cost me over \$400 as a kit.
Price \$300

'73 de George KJ6VU
georgez@quickturn.com

Date: Fri, 24 Apr 1998 12:12:45 -0600
From: Brad Mugleston <bmug@gwl.com>
To: "'qrp-1'" <qrp-1@Lehigh.EDU>
Subject: [8983] elmer101
Message-ID: <01BD6F7A.4C30C600@pps-pc10.gwl.com>

OK, got the VFO section built and can read 2.47MHz at the top of resistor 16 [I believe that is the base for Q2]. For the 30M rig is this close enough to the about 3MHz posted? If not what can I do?

I'm a little behind in my reading but it seemed that in Chucks last post that he was giving the go ahead to complete the rigs and we will discuss things later. I don't have any problems with this but can we still test and review sections with the whole thing built?

Printed off the new schematic from K5F0. I like the dashed lines around the VFO Section.

Thanks to the group. I can't wait to read the discussion on how the VFO works.

De KB0ROL, Brad

Date: Fri, 24 Apr 1998 13:21:55 -0500
From: Barry Keating <barry.p.keating.1@nd.edu>
To: qrp-1@Lehigh.EDU
Subject: [8984] "Toneburst" for UK Repeaters? Not QRP
Message-ID: <v03007807b16687e5378b@[129.74.86.74]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

In reading about UK repeaters I note that they use a "1750Hz toneburst" for access.

What is this? Can out HT's duplicate this tone? How?

In other words, Can we Yanks take out HT's and use them in the UK?

Barry Keating
WD4MSM

Date: Fri, 24 Apr 1998 14:47:42 -0400 (EDT)
From: Chris Cartwright <ccart@dns.vidtel.com>
To: QRP Reflector <qrp-1@Lehigh.EDU>
Subject: [8985] Ramblings...
Message-ID: <Pine.LNX.3.93.980424143206.7550-100000@dns.vidtel.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Well looks like I'll be /M for most of QRPTTF but I will cross the MD/PA border twice in that time:) Work has finally eased off to gentle 60 hours a week so I should be able to get those state scores for the foxhunt posted to the list. Who knows, I might even be able to get the antenna that got "El Nino'ed" two weeks ago, back up in the tree.

The DK3 group buy is in a holding pattern until W6AAQ is back on his feet, so that may free up a little time. All in all it's been a decent week, picked up a Textronix 453A 60Mhz scope that works (was told by the boss "to get it the h*** out of here") and a Tektronix TC-2000 protocol analyzer that is DOA, anyone have a lead on manuals for this thing? I combed most of the obvious web sites but only found out what it's worth, not how to fix it.

Overall not much time for QRP, but I'll be handing out points tomorrow since I have a 6 hours of "free" time behind the wheel and the key. The highlight for next week is a day off for a trip to a "big name" (or is that call) station through the courtesy of NF3I. Man, a whole day to play radio, I almost remember what that's like. Then back to the grind for a while, then get arrangements sorted out for Dayton (about ten of us locals going) and four full days to play radio. Sorry for the BW, haven't posted in a while and just felt the need to ramble a bit. 72

-- Chris Cartwright, Technical Engineer | ccart@vidtel.com --
-- N3XRV ARRL-VE QRP WAS 28/13(w/c) | http://dns.vidtel.com/~ccart --
-- QRP-L #655 NORCAL #1891 QRP-ARCI #???? NJ-QRP #105 LIQRP #???? MDmW #5 --

Date: Fri, 24 Apr 98 08:40:43 HST
From: mike@krypton.nmr.Hawaii.Edu (Mike W. Burger)
To: qrp-1@Lehigh.EDU

Subject: [8986] going on da road QRPTTF
Message-ID: <9804241840.AA03153@krypton.nmr.Hawaii.Edu>

It is here. Time to leave. Time to panic over what is mssing from the pile of stuff on the kitchen floor. So many parts, so many little jumper wires, so many adpaters. But the keyer should be in there somewhere programmed with ALL versions of the suggested CQ's.

Weather is grey and rainy, rather heavy overcast, but CNN Atlanta says it is going to be sunny except in Hilo and they should know Hawaii weather. I am reassured.

With so many people heading to the field, I wonder if the Email list will have zero volume for the weekend?

Anyway, we are heading to the campground in less than an hour and hope to make at least a few contacts while testing the new antenna designs.

AH7R - Mike Burger, University of Hawaii at Manoa, Dept. of Chemistry
HI-QRP #28 - QRP-L #1053 - FISTS #3225 - BL11ch - Honolulu County

Date: Fri, 24 Apr 1998 12:47:30 -0600
From: Brad Mugleston <bmug@gw1.com>
To: "'qrp-l@lehigh.edu'" <qrp-l@Lehigh.EDU>
Subject: [8987] elmer101
Message-ID: <01BD6F7F.25A768E0@pps-pc10.gw1.com>

Sorry if this is a repeat. It just got returned to me as not deliverable.

Brad

OK, got the VFO section built and can read 2.47MHz at the top of resistor 16 [I believe that is the base for Q2]. For the 30M rig is this close enough to the about 3MHz posted? If not what can I do?

I'm a little behind in my reading but it seemed that in Chucks last post that he was giving the go ahead to complete the rigs and we will discuss things later. I don't have any problems with this but can we still test and review sections with the whole thing built?

Printed off the new schematic from K5F0. I like the dashed lines around

the VFO Section.

Thanks to the group. I can't wait to read the discussion on how the VFO works.

De KBØROL, Brad

Date: Fri, 24 Apr 98 13:56:12 CDT
From: QLF%mimi@magic.itg.ti.com
To: jdenison@morelr.com, qrp-1@Lehigh.EDU
Subject: [8988] re: quick coax/ant question
Message-ID: <9804241856.AA05009@itg.ti.com>

From: Brad Bradfield QLF

Subj: re: quick coax/ant question

Joel and the group - -

Yes, what you're describing is really a sleeve dipole, the folded back section of shield forming the "return" leg of the dipole. This really works. Let me tell you about one case.

Back about 1978, when I was chief engineer for a 100kW FM broadcast station, we had a failure of our 3-1/8" air dielectric heliax. It arced over, and burned to the point that it was unusable. Having no spare antenna or feedline installed on the tower, we were off the air. This occurred around noon on a Thursday. My good friend K0CX and I got to scratching our heads over a couple of cold 807's that evening, and decided that we could build a sleeve dipole that would get us back on the air at least at low power until replacement coax could be acquired. Friday I procured about 30' of 7/8" foam heliax, and a piece of about 1-1/8" copper tubing. We cut and removed a section of the outer shield about 1/4 wavelength long, and stripped the outer vinyl jacket back a couple inches. Then we took a piece of the copper tubing about 1/4 wavelength long, slotted one end, and slid it down over the jacket of the heliax, attaching it to the bare shield with a hose clamp. We suspended it about 15 or so feet off the ground, and fed the output of our 10 Watt exciter into it through my HeathKit SWR bridge so we could tweak it a bit. When it was as close as we could get it, we VERY carefully turned up the wick to low power, about 5 kW. We had quite a bit of mismatch, because we made a coupling to connect the 7/8" to the 3-1/8" heliax, but we were back on the air. We had so much RF floating around the shack that we melted the

insulation on the telephone cable coming into the building, and neither of us has to worry about birth control any more.

This kept us on the air for almost a month, covering our prime coverage area, but nothing out on the fringe.

If neither of had been hams, we probably never would have attempted this. Ham ingenuity to the rescue!!

One thing to watch out for, although it won't be a big deal at QRP levels, is to keep the folded back sleeve insulated from the shield of the coax, as this point will have a very high voltage present.

Oh, well, back to your regularly scheduled badger hunt

72's es 73's,

Brad, WBOCGH

qlf@msg.ti.com

Date: Fri, 24 Apr 1998 20:01:10 +0100
From: adams@chuck.dallas.sgi.com (Chuck Adams)
To: bmug@gwl.com
Cc: qrp-1@Lehigh.EDU
Subject: [8989] Re: elmer101
Message-ID: <199804241901.UAA09044@chuck.dallas.sgi.com>

Brad et.al.,

There may be some confusion here, so let me mention one thing.

For the 40M version, the low VFO frequency will be 3.00000MHz or close depending upon the 35KHz range you want to cover.

For the 30M version, the low VFO frequency will be 10.100MHz-7.68MHz or 2.42MHz. 7.68MHz being the IF frequency.

Transmit Frequency = VFO frequency + Crystal Frequency at mixer

If, after completion of the VFO and a measurement is made, you are slightly above these frequencies then you may proceed on to the next section. Being on the high side of the desired VFO frequency is good as later you can lower it by doing two things. 1. Using one of the extra caps that Dave Benson supplies to lower the frequency and/or 2. by squeezing the turns of the toroid together. Number 1 is the preferred method by me if you have wound the toroid evenly. Oh, this is the C7 cap we are talking about here.

Squeezing the toroid turns together raises the distributed capacitance thus adding parallel capacitance in the circuit and lowering the resonant frequency of the VFO. But it also, at least in the way that I do it, means that the turns may move thus giving a slightly mechanically 'unstable' positioning. This can be fixed with the application of a coat of clear fingernail polish later after everything else has been checked and working.

Some will ask what "slight above" means number wise? I didn't take the time to see just how far you can move the frequency, but somewhere in the neighborhood of 20 or more KHz is what I typically find, maybe as much as 60. It would make an interesting experiment and an article for someone to thoroughly investigate. There are a large number of variables involved.

The pace at which each builder is going is dependent upon how comfortable they feel with their building skills and success so far. Discussion details of the operation of each component is not needed but Mike and the group are bringing up discussions as questions arise and time permits. Hope this helps. I personally don't have a feel from the builders just how fast they want to go. Until they in mass ask for a speedup I see the pace being rather methodical. Better to go slow and do a good job than to rush and cause some builders problems and anxiety. The range of experience levels is large.

FYI

Chuck Adams K5FO Dallas,TX CP-60
<http://reality.sgi.com/adams> adams@sgi.com

Date: Fri, 24 Apr 1998 13:21:35 -0600
From: "Marshall Emm" <mgemm@mtechnologies.com>
To: Chuck and Michele Snyder <csnyder@nextdim.com>
Cc: grp-1@Lehigh.EDU

Subject: [8990] Re: CW...international language--REALLY?
Message-ID: <199804241922.NAA09926@edison.chisp.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

>>is in English. Is the international part of the language
from all those Q-Signals? Please enlighten me because
<<

The international part has more to do with aviation technology (for
example) being largely being developed in the English speaking
world, so English is the official language of air traffic control
around the world, also international communications such as
telephone operators, and to a lesser extent ham radio (g).

We talk about Morse being a universal language, and I do that myself
to support the notion that it is the only way to guarantee that two
people who don't share a language can communicate through ham radio.
An important (an often overlooked) reason for retaining CW as a
viable mode.

But in fact Morse is not a language at all, it is just a
code used to represent characters and symbols. What makes it
universally understandable is that so much of the message CONTENT is
itself universally understood codes like wx, temp, QTH (and all the
other Q signals), rig, op, etc. etc. .

Although those critical little words and expressions originated in
English (many of the Q codes are mnemonic) they have no English
meaning at all to many foreign operators, who when they hear them
hear them as codes meaning something in their own language.
In other words, Morse expressions have meaning which transcends
language barriers, while spoken language often IMPOSES barriers.

73
Marshall Emm
N1FN/VK5FN
n1fn@mtechnologies.com
Milestone Technologies
Software, kits, tools...
<http://www.mtechnologies.com>
(303)752-3382
--

Date: Fri, 24 Apr 1998 15:22:53 -0400
From: Henry Freedenberg <henryf@quartz.gly.fsu.edu>
To: barry.p.keating.1@nd.edu
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [8991] Re: "Toneburst" for UK Repeaters? Not QRP
Message-ID: <3540E68C.9F3FFD6B@gly.fsu.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Barry Keating wrote:

> In reading about UK repeaters I note that they use a "1750Hz
> toneburst" for access.
>
> What is this? Can out HT's duplicate this tone? How?
>

It's been a while but the last time I looked, things were done differently in Europe. Repeaters are used as "hailing frequencies." After initial contact is made, the parties move off to a simplex freq for the qso.

The 1750 hz tone is universal. It serves as the equivalent of a PL tone to open up the machine. European HT's can duplicate the tone. Don't know about HT's for the American market. If your HT cant generate the tone, many people claim to be able to open up the machine by whistling on the proper freq.

Also, Europeans refer to their repeater freqs by "channel number" Each freq pair is assigned a different number. Dont have the list.

> In other words, Can we Yanks take out HT's and use them in the UK?
>

Yes if you have a license. Be careful about frequency assignments though. I remember visiting an unnamed foreign country and listening to a repeater on 146.88 (?). I tried to get in but did not have any luck. Really strange...sounded like commercial traffic also. Turned out that the amateur band was 144-146 Mhz. I was trying to talk to the local trucking company on a commercial frequency.

Only happenned once. I was gone by the time the local authorities could have come looking for me.

Henry

Date: Fri, 24 Apr 1998 12:26:27 -0700
From: Andreas Junge <andreas@atltech.com>
To: qrp-1@Lehigh.EDU
Subject: [8992] RE: "Toneburst" for UK Repeaters? Not QRP
Message-ID: <01BD6F7C.34B99F90.andreas@atltech.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Barry,

European repeaters do not (not yet) use subaudible tones for activation. You have to transmit a 1750Hz tone burst to open the repeater before you can talk. Usually 1 Second is sufficient. After that the repeater stays open for a couple of seconds after you stop transmitting so that somebody can respond to your call without having to open the repeater again.

Well, I am from Germany and live in the States now. I bought my HT with the 1750Hz tone in mind though. I have a FT50RD from Yaesu and you can program the "Monitor" button to transmit the 1750Hz tone. Even my \$88 Alinco (DJ-S11) can do that. You should check you Manual.

I hope this helps,

72,

Andreas, KF6NEB

On Friday, April 24, 1998 11:22 AM, Barry Keating

[SMTP:barry.p.keating.1@nd.edu] wrote:

> In reading about UK repeaters I note that they use a "1750Hz
> toneburst" for access.

>

> What is this? Can out HT's duplicate this tone? How?

>

> In other words, Can we Yanks take out HT's and use them in the UK?

>

>

> Barry Keating

> WD4MSM

>

>

Date: Fri, 24 Apr 1998 13:02:12 PDT
From: "Jim Lyons" <ve2kn@hotmail.com>
To: QRP-L@Lehigh.EDU
Subject: [8993] 1750 tone burst
Message-ID: <19980424200212.8876.qmail@hotmail.com>
Content-Type: text/plain

If your HT hasn't got the 1750 tone burst Kanga, UK, sells a small kit which I used with great success the last time I visited the UK. I had a RS HTX202 which does not have the 1750 tone so I built the Kanga kit in a small box with a battery and press switch and a jack plug to fit the external mike socket on the HTX 202. I had to plug in the unit and press a switch at the same time as I keyed the HT in order to bring up the repeaters but, once, up you don't need the tone if you don't let the repeaters carrier drop.

On another visit one of my young sons was able to whistle up the repeater reliably.

You can also tail end a transmission while the repeater is up if you don't have the tone.

Jim Lyons, VE2KN

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Fri, 24 Apr 1998 13:07:06 -0700 (MST)
From: Joe Gervais <vole@primenet.com>
To: johnb@elmhurst.edu
Cc: qrp-l@Lehigh.EDU
Subject: [8994] QRPTTF Rules
Message-ID: <199804242007.NAA25937@usr02.primenet.com>

Howdy John (and Folks),

John (N9KW) wrote:

>

> Found I have some time for playing QRP this weekend, so [...]

> I need the rules for QRPTTF. Can someone direct me to a site?

Full rules and announcement can be found at NorCal's webpage <www.fix.net/norcal.html> but I'll also include the full text below.

Tomorrow's the day, so find a comfy spot, fire up the rig and have a few Mental Margaritas(tm). Guaranteed to get rid of that nagging workday stress, and a heck of alot cheaper than going to a bar. :-) Helps keep you in better standing with the spouse, too. ;-)

Happy Friday!

Cheers de AB7TT,

-Joe, vole@primenet.com, NorCal Contest Manager,
NorCal QRP, AZ ScQRPions, and many other fine,
furry groups....

"It's hard to be unhappy when you have warm feet."
- Dave Rose, Fellow Snow Camper

Multipliers:

SPC Total (each counts once per band).
Border Operator - Number of SPCs intersecting at your position.
Location - Home = x2, Field = x4 (Field = battery power and temporary
antennas).

Final Score: QS0 points x SPCs x Location X Border Operator Multi.

Awards: Top Ten Scores Certificates

Send logs by 6/1/98 to: Joe Gervais AB7TT, NorCal Contest Manager,
PO Box 1822, Goodyear, AZ, 85338, or via email to: vole@primenet.com.
Include station and location descriptions.

For more info, email vole@primenet.com or visit the NorCal QRP
Club webpage at <<http://www.fix.net/~jparker/norcal.html>>.

Date: Fri, 24 Apr 1998 17:38:14 +0000
From: Walt Amos <waltk8cv@ameritech.net>
To: RangerSF5@aol.com
Cc: Qrp-l List <qrp-l@Lehigh.EDU>
Subject: [8995] Re: RS SWR meters in Sonoma, \$19.97

Message-ID: <3540BFF6.73673E81@ameritech.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Looks like you got STUCK..... :(

My rat shack store put the number in and it came up \$29.97 at top right but middle left said \$19.97 close out! He had NONE, but did something else and up popped a screen with columns of all the stores in Michigan and there were 8 of them out there and two were within driving distance of me but I already have an OHR WM-2 that I am MORE THAN HAPPY WITH !

Walt k8cv

Date: Fri, 24 Apr 1998 13:16:40 -0700 (MST)

From: Joe Gervais <vole@primenet.com>

To: qrp-1@Lehigh.EDU

Cc: johnb@elmhurst.edu

Subject: [8996] QRPTTF Rules - Ooops!

Message-ID: <199804242016.NAA26603@usr02.primenet.com>

Howdy again Folks,

Whooops! Managed to hack off the top part of the rules there. Sorry 'bout that. Let me try again....

Cheers de AB7TT,

-Joe, vole@primenet.com, NorCal Contest Manager,
NorCal QRP, AZ ScQRPions, and many other fine,
furry groups....

Multipliers:

SPC Total (each counts once per band).

Border Operator - Number of SPCs intersecting at your position.

Location - Home = x2, Field = x4 (Field = battery power and temporary antennas).

Final Score: QSO points x SPCs x Location X Border Operator Multi.

Awards: Top Ten Scores Certificates

Send logs by 6/1/98 to: Joe Gervais AB7TT, NorCal Contest Manager,
PO Box 1822, Goodyear, AZ, 85338, or via email to: vole@primenet.com.
Include station and location descriptions.

For more info, email vole@primenet.com or visit the NorCal QRP
Club webpage at <<http://www.fix.net/~jparkernorcal.html>>.

Date: Fri, 24 Apr 1998 20:40:11 +0100
From: wd3p@juno.com (Larry Cahoon)
To: qrp-l@Lehigh.EDU
Subject: [8997] Re:QSLing QRPTTF border stations
Message-ID: <19980424.204012.3766.1.wd3p@juno.com>

Each group has its own rules. I checked the ARRL web site on WAS and could not even find a reference to state lines. As they get lots of these checked in the field I sure hope if they want to keep such a rule they tell their checkers. Of course they lost some of their creditbility years ago when I read "The District of Columbia may be counted for Maryland." That rule is still there. I don't know anyone who believes DC is part of MD. So if they can't get that one straight perhaps I should say if you are within five miles of the a state you are in the state. At least it would be consistant - Hi, Hi.

On the county hunter item the ARRL doesn't run that one. CQ mag. does and they have their own set of rules. They will let you run county lines/state lines. It is done all the time. Basic rules say only two county lines - Four corners doesn't work. Also wet lines don't work. The basic justification for that one is safety. Most wet lines(rivers) and multiple county lines don't provide a safe place to park a car. Of course the county hunters are still arguing over how to count the VA independent cities since they aren't in any county. And in AK they use the judicial districts. Their real quirk is that you can run a county line mobile as long as the car is in both counties, but you can't run it from a fixed station. I can't figure that one out. Park the car on the line, run an power cord into the house(if you can find one) and its no good, use the car battery and it's good. To be mobile you have to able to drive away and operate.

Have fun this weekend, that's the idea anyway. I'll miss most of it having fun at the kids baseball games.

73 de Larry.....WD3P
USA-CA 913 QRP-L 1039

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Fri, 24 Apr 1998 13:32:21 -0600 (MDT)
From: af852@rgfn.epcc.edu (William R Colbert)
To: qrp-l@Lehigh.EDU
Subject: [8998] QRPP
Message-ID: <199804241932.NAA12949@rgfn.epcc.edu>

The eagerly awaited SPRING edition of QRPP arrived via pony express today, just after high noon. Another outstanding job for all concerned. However, I do have one question regarding page 26: What preceeds the word "loop" in the first paragraph, middle of page? Again, thanks Doug and Paul, and to all the authors for a fine issue.

73 Ray

--
Ray Colbert, W5XE
00TC 3618, SOWP 1064M
El Paso, Tx (FAR WEST TEXAS!)
also: w5xe@juno.com

Date: Fri, 24 Apr 1998 13:50:21 -0700 (MST)
From: Joe Gervais <vole@primenet.com>
To: qrp-l@Lehigh.EDU
Subject: [8999] QRPTTF Rules - Alien Conspiracy?
Message-ID: <199804242050.NAA28523@usr02.primenet.com>

Howdy again,

Sheesh! I carefully checked that it was all in my outgoing message that time! Somewhere between /usr/ucb/Mail on my Primenet account and QRP-L, the dread Bit Monster is eating my text.

Odd that it "ate" the same amount of text in the exact same place. Maybe it doesn't like the banner full of hyphens.

Tell you what, if it doesn't all make it this time, let's chalk it up to an alien conspiracy and just email me directly if you can't get the rules off the NorCal site. Thanks!

(Crossing fingers...)

Cheers de AB7TT,

-Joe, vole@primenet.com, NorCal Contest Manager,
NorCal QRP, AZ ScQRPions, and many other fine,
furry groups....

QRPTTF RULES:

1998 QRP to the Field
Sponsored by the NorCal QRP Club

Theme: "Run to the Borders"

Contest Period: April 25th, 1600Z to 2400Z.

CW HF QRP Only (5W max), no WARC bands, standard QRP calling freqs.

Stations operating from a state/province/country border get an extra multiplier for each SPC intersecting at their exact location. Example: KI6DS operates from the CA-AZ border, getting x2 Border Operator multi, and must give a signal report from each state (Example: "579 CA, 579 AZ"). Stations working KI6DS would get SPC credit for each state, as well as QSO pts for each separate signal report received.

Exchange: RST and SPC (Stations operating on a state/DX border must give a separate RST for each state, province or country.)

Example: "559 CA, 559 AZ"

Points: 5 pts per QSO. Stations working Border Operators score 5 pts per report received, and should log each state/report separately.

Multipliers:

SPC Total (each counts once per band).

Border Operator - Number of SPCs intersecting at your position.
Location - Home = x2, Field = x4 (Field = battery power and temporary
antennas).

Final Score: QSO points x SPCs x Location X Border Operator Multi.

Awards: Top Ten Scores Certificates

Send logs by 6/1/98 to: Joe Gervais AB7TT, NorCal Contest Manager,
PO Box 1822, Goodyear, AZ, 85338, or via email to: vole@primenet.com.
Include station and location descriptions.

For more info, email vole@primenet.com or visit the NorCal QRP
Club webpage at <<http://www.fix.net/~jparkernorcal.html>>.

Date: Fri, 24 Apr 1998 15:49:26 -0400 (EDT)
From: Steve Bornstein <sabornsb@freenet.columbus.oh.us>
To: Multiple recipients of list <qrp-l@Lehigh.EDU>
Subject: [9000] CQrp TTF
Message-ID: <Pine.3.07.9804241526.A14533-81000000@login>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Gang,

Since the starting time for QRPTTF is 1600z if we start set up at 1000hrs
we shall have plenty of time. Either meet at Brevoort Park (on Indianola)
or at my QTH. (475 East North Broadway)

73, Steve K8IDN

Date: Fri, 24 Apr 1998 17:04:17 EDT
From: RangerSF5 <RangerSF5@aol.com>
To: waltk8cv@ameritech.net
Cc: qrp-l@Lehigh.EDU
Subject: [9001] Re: RS SWR meters in Sonoma, \$19.97
Message-ID: <8bf4bfc0.3540fe53@aol.com>
Mime-Version: 1.0

Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

In a message dated 98-04-24 16:05:37 EDT, you write:

<< Subj: Re: RS SWR meters in Sonoma, \$19.97
Date: 98-04-24 16:05:37 EDT
From: waltk8cv@ameritech.net (Walt Amos)
Reply-to: waltk8cv@ameritech.net
To: RangerSF5@aol.com
CC: qrp-1@lehigh.edu (Qrp-1 List)

Looks like you got STUCK..... :(

My rat shack store put the number in and it came up \$29.97 at top right but middle left said \$19.97 close out! He had NONE, but did something else and up popped a screen with columns of all the stores in Michigan and there were 8 of them out there and two were within driving distance of me but I already have an OHR WM-2 that I am MORE THAN HAPPY WITH !

Walt k8cv >>
Not so fast Walt,
I didn't spend all morning on the phone with the RS store for nothing.
I have 5 being sent to me and a phone call to 1 local store that has 1 left was told to let it go to me for the \$19.97, plus they are paying the shipping.
All I had to do was fax proof what I paid for the others and the main store will send me the difference for the ones I had already paid \$29.97 for :))
I also got to know the girl on the phone very well and she has my "E" mail so i'll be the first to know when the sales are on
Bob
WA2HQQ

Date: Fri, 24 Apr 1998 16:17:40 -0500
From: Jim <kj5tf@madisoncounty.net>
To: qrp-1@Lehigh.EDU
Subject: [9002] QRP TTF - Islands on the air
Message-ID: <35410173.1CAF@madisoncounty.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Tomorrow I will be takeing a boat ride to Beaver lake island in NW Arkansas. Its a uninhabited little island and WX is supposed to be great!

Look for me near 7.040 - 14.060 - and 21.060mHz

Two years ago I made about 40 QSQ's on this same island for QRP TTF. As I understand IOTA rules I need a few more QSO's and the island gets a number. There's not many islands in Arkansas! HI!

If anyone has IOTA's email address please tell them to be looking for me. Thanks!

Equipment will be my QRP+ running a full 5 gallons into Hamstick monoband whips. Nicad battery packs, and a 5w solar panel.

Everyone have FUN! 72/3'z de Jim

Date: Fri, 24 Apr 1998 14:39:40 -0700 (PDT)
From: David Feldman <dgif@netcom.com>
To: qrp-1@Lehigh.EDU, tentec@contesting.com
Subject: [9003] Ten-Tec RX-10 seen in am radio trader
Message-ID: <199804242139.0AA26491@netcom4.netcom.com>

I saw this in amateur radio trader mag and just about lost my cookies!

"... Ten-Tec RX-10 Receiver \$200. Gary WA9IYF..."

Date: Fri, 24 Apr 1998 14:43:44 -0700 (PDT)
From: camqrp@cyberg8t.com (Cam Hartford)
To: mike@krypton.nmr.Hawaii.Edu, qrp-1@Lehigh.EDU
Subject: [9004] QRP TTF
Message-ID: <199804242143.0AA02647@key.cyberg8t.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Mike -

Add me to the list. I gotta work in the morning, but hope to get out early enough to make a dent in the airwaves.

The closest border I'll get to is the Los Angeles/San Bernardino county line. In New England they'd both pass for states, but not out here. Maybe I can get a special dispensation from the QRPTTF Contest Grand PooBah to declare it a border-for-a-day.

I'll be unfurling the new Zuni Loop call, K6ZNI.

Good Luck to us all -

Cam N6GA

Date: Fri, 24 Apr 1998 17:50:43 EDT
From: DENNIS MO <DENNISMO@aol.com>
To: qrp-l@Lehigh.EDU
Subject: [9005] RS SWR/WATT Meter
Message-ID: <5864a4e7.35410934@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=ISO-8859-1
Content-transfer-encoding: quoted-printable

Hey Gang...

I've been reading posting after posting abt the 29.97 price reduced to 19=.97=0Aand thought that the two units I bought for the higher price where = certainly=0Aworth what I had paid for them. Well, I finally got around t= o calling the RS=0Astore where I had bought the things and asked. Respon= se was: "... sure -=0Ajust bring in your receipt and we'll refund the d= ifference." \$20 bucks is \$20=0Abucks...!

BTW & FYI - It is Radio Shack's policy to refund the difference of any it= em=0Awhose price is reduced after you bought it as long as it is within 3= 0 days of=0Athe time of purchase.

73's es 72's de Denny

Denny / AD6EZ
PROMISE KEEPER
FISTS # 4570 / QRP-L # 1359
10-X # 69158

HAMing It Up Everyday In Goleta, CA

Section: Santa Barbara

Long: 34.437 N Lat: 119.868 W=A0=A0=A0
Grid: DM04BK
WEB PAGE: <http://member.aol.com/dennismo>

73's es 72's de Denny

Denny / AD6EZ
PROMISE KEEPER
FISTS # 4570 / QRP-L # 1359
10-X # 69158

HAMing It Up Everyday In Goleta, CA

Section: Santa Barbara
Long: 34.437 N Lat: 119.868 W=A0=A0=A0
Grid: DM04BK
WEB PAGE: <http://member.aol.com/dennismo=0A>

Date: Fri, 24 Apr 1998 14:57:27 -0700 (MST)
From: Joe Gervais <vole@primenet.com>
To: qrp-l@Lehigh.EDU
Subject: [9006] Re: QSLing QRPTTF border stations
Message-ID: <199804242157.0AA12738@usr09.primenet.com>

Howdy,

Larry (WD3P) wrote:

>
> On the county hunter item the ARRL doesn't run that one. CQ mag.
> does and they have their own set of rules.

Yep, thanks for pointing that out! Sorry for messing up. I was thinking of the ARRL's VUCC award. Unlike the county hunter basic rules, you *can* work the intersection of four grids for VUCC. Don't even need separate QSLs for 'em! Though the VUCC rules on exact location are quite strict. Far more so than counting DC as being in MD, as you pointed out for ARRL WAS. :-)

> Their real quirk is that you can run a county line mobile as long
> as the car is in both counties, but you can't run it from a fixed
> station. I can't figure that one out.

Ever notice that some of these award rules bear striking resemblance to the contradictory nightmare that is our national tax code? Maybe the same lawyers wrote 'em up. :-)

> Have fun this weekend, that's the idea anyway. I'll miss most of
> it having fun at the kids baseball games.

Can't think of a better reason to miss out. But if you
do happen to get the urge to show the kids a bit more
about what all those "beeps" mean, we'll be listening
for ya. :-)

Have fun!

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"It's 106 miles to Chicago, we've got a full tank of gas, half
a pack of cigarettes, it's dark, and we're wearing sunglasses."
"Hit it!" -The Blues Brothers

Date: Fri, 24 Apr 1998 18:40:09 -0400
From: "C. Lamar Derk" <n3at@epix.net@epix.net>
To: qrp-l@Lehigh.EDU
Subject: [9007] Elmer 101
Message-ID: <199804242242.SAA12084@mx.epix.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Could someone please enlighten me on what "Elmer 101" is?

72, Lamar, N3AT

End of QRP-L Digest 1070

